yiğitsan Grup

Building Chemicals Paint Insulation
Mining Ind. Internal and External
Tradign Limited Company.

# Product Directory 2

NEWKIM
Construction Chemicals

NEWOLINE
Corrugated Roof And
Facade Coating Sheets

NEWRAN
Bituminous Waterproofing
Membranes

NEWboard
EPS Injection Systems

NEWSAN
Interior / Exterior Facade
Paints & Industry
Group Industries PRoducts.


Newoline
Corrugated Roof
Covering
Sheets
Newkim Exterior
Thermal Insulation
(Insulation)
Package
System
Newkim
Waterproofing
Products
Newsan Paint
Interior
Primers
Newsan
Exterior Paint
Newkim
Joint Filler
Products
Industry
Paint Group
Newkim
Adhesive
Mortar
Newran
Basic Water
Insulation
Products
Newsan Paint
Interior
Paint

## CONTENTS



NEWSAN
Interior / Exterior Facade Paints & Industry Group Industries PRoducts.

NEWRAN
Bituminous Waterproofing Membranes

NEWOLINE
Corrugated Roof And Facade Coating Sheets

NEWKIM
Construction Chemicals

Yigitsan Group, today proceeds its commercial activities, which started with the production of lime in 1985, with a wide range that can be used at any point in the construction industry.
Yigitsan Group offers a variety of construction chemicals under the **Newkim** brand, which it holds consisting mainly of heat insulation, adhesives and floor group; interior and exterior construction paints and industrial paints under **Newsan** brand; and finally waterproofing membranes under **Newran** brand, and we have been manufacturing our Roof and Facade Coating Materials under the brand **Newoline** and finally EPS injection systems (ceiling coatings, EPS midpoint for lamp, stropiyer corner coating) under our brand **Newboard**.

In our 3 production facilities, erected in Arnavutköy, İstanbul on an area 35.000 m², 10.000 m² of which is covered area, we perform a total annual production of 300,000 tons (12 million bags) construction chemicals, 40,000 tons of liquid/paint and 4 million m2 membranes. Being one of the rare producers, producing these three groups of different products under one roof, we are rightly proud.

In order both to expand our product range as well as to meet the needs of the industry, we continue our R & D activities. Thanks to our experience of over 30 years in the industry and our commercial experience, we exploit thedeveloping technology in the best way in our new product studies to cover the needs and expectations of the market. During our R & D activities, we benefit from the ideas of a wide range of the professionals to the masters who perform this job deservedly in various sales channels, through regular relationships and we produce all of our products in high quality standards. We strive hard to make each of our products with different characteristics and thus to meet consumer needs in the best way. The products of Yigitsan Group, certified by ISO 9001 Quality Management System, TSE and European Standards
maintain the quality both at the time of the application as well as during production for many years.
Not something that others did,
we have done something new. this new thing is a roof and wall covering material.


# Thermal Insulation Board Adhesive Mortar

**Product Description**
It is a high performance, cement based, polymer added, flexible, highly stable adhesive mortar specially prepared for TS EN 13499:2006 ETICS composite thermal insulation systems.

**Areas of Use**
— Indoors and outdoors
— It is used for bonding thermal insulation boards (expanded polystyrene (EPS) and extruded polystyrene (XPS).

**Application Surfaces**
— Interior and Exterior Facades;
— Gross concrete, (primer applied)
— Brick,
— Cement based plaster, Gas concrete.
— Consult us for all other application surfaces.

**Advantages**
— It is easy to apply and provides excellent adhesion.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It is flexible
— It provides high stability, does not sag or crack.

**Preparation of the Surface**
— Care should be taken to cure the application surface.
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.
— Very porous surfaces should be wetted and the surface should remain moist until the water layer disappears.
— Significant defects or holes in the surface should be repaired with Newkim Board
— Adhesive Mortar at least 24 hours prior to application of Newkim Extra Tile Ceramic Mortar.

**Preparation of Mortar**
— 25 kg. Newkim Thermal Insulation Board Adhesive Mortar is added into approximately 5.5-6.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.

**According to the smoothness of the application surface;**
— Bonding Method to Whole Surface;
— Apply Newkim Thermal Insulation Board Adhesive Mortar with a trowel or a suitable scalloped trowel on the entire heat insulation board.

**Strip and Point Application Method;**
— Apply the adhesive insulation board mortar with a trowel to all edges of the Thermal Insulation board in strip form and in the middle parts in points form.
— Use a gauge when gluing the boards during the application.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under the sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— No direct application is made on brick, briquette or gas concrete without rough plastering.

**Application Tools**

Hand mixer, trowel, scalloped trowel

**Warnings and Recommendations**

Insulation boards should be placed in close proximity to each other and the spaces between the plates should be as little as possible to prevent heat transfer.

**Technical**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Information | Gray Colored Fine Powder |
| Appearance | 1.65 kg/Lt. (± 0.1) |
| Powder Density | 5.5-6.5 lt. water / 25 kg. Powder |
| Water Mixing Rate | 3-5 minutes |
| Resting Time | Approximately 2 hours |
| Pot Life | 15 minutes |
| Skinning Time | Min. 24 hours later |
| Dowelling | At least 1 day |
| Plaster Application Time | +5°C / +35°C |
| Application Temperature | ≥ 1.0 N/mm² |
| Adhesion Strength Bending Strength Compressive | ≥ 2.0 N/mm² |
| Strength | ≥ 6.0 N/mm² |
| Adhesion Strength to Substrate | ≥ 0.5 N/mm² |
| Adhesion Strength to Thermal Insulation Board Water | ≥ 0.08 N/mm² |
| Absorption (At the end of 30 min.) | ≤ 5 gr. |
| Water Absorption (At the end of 240 Min. ) | ≤ 10 gr. |
| Fire Class | A1 |


# Heat Insulation Sheet Plaster **Mortar** (Fiber Added)

**Product Description**
It is a cement based, polymer added, high performance, fiber reinforced plastering mortar specially prepared for TS EN 13499:2006 ETICS composite thermal insulation systems.

**Areas of Use**
It is used for making glazing plaster on thermal insulation boards such as polystyrene inside and outside.

**Advantages**
— It is easy to apply and provides excellent adhesion.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It is flexible
— It provides high stability, does not sag or crack.
— It allows water vapor diffusion.
— Paint can be applied directly on it.

**Preparation of the Surface**
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The plates to be plastered should be solid and well seated and the spaces between them should be closed with foam or the same material.

**Preparation of Mortar**
— 25 kg. Newkim Thermal Insulation Plastering Mortar (Fiber Additive) is added into approximately 5.5-6.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.

**Application Details**
— At least 24 hours after the installation of the thermal insulation board, first layer plaster with a trowel is applied on the boards with a thickness of about 2 mm.
— When the applied mortar is wet, the reinforcement net is pressed and stretched from above to below and buried in the mortar.
— After about 6 hours, the surface is moistened and the second layer (2 mm of thickness) is covered over the plaster mesh and made smooth for the paint.
— To prevent cracking, the net is overlapped 10 cm at the joints.
— It is necessary to wait 2-3 days according to weather conditions and application thickness for the paint.
— If the air temperature is high after the application is completed, moisten the surface until plastered.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under the sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Hand mixer, Steel trowel

**Warnings and Recommendations**

Because it is cement based, do not breathe its powder, do not make contact with the skin and eyes.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | Gray Colored Fine |
| Appearance | 1,65 kg. / Lt. (±0.1) |
| Powder Density | 5.5-6.5 lt. water / 25 kg. Powder |
| Water Mixing Rate | 3-5 minutes |
| Resting Time Pot Life | Approximately 2 hours |
| Skinning Time | 15-20 minutes |
| Plaster Application Time Bending | 1-2 days |
| Resistance | ≥ 2.0 N/mm² |
| Compressive Strength | ≥ 6.0 N/mm² |
| Adhesion Strength to Substrate | ≥ 0.5 N/mm² |
| Adhesion Strength to Thermal Insulation | ≥ 0.08 N/mm² |
| Board Water Absorption | ≤ 0.5 kg/m² minute. h0.5 |
| Water Vapor Permeability | ≤ 15 |
| Coefficient Thermal Conductivity | ≤ 0.35 W/Mk. |
| Fire Class | A1 |


# Decorative Mineral Plaster

**Product Description**
White cement based, single component, polymer added, mineral textured trowel applied TS EN 13499:2006. ETICS is a top coat decorative facade coating specially prepared for composite thermal insulation systems.

**Areas of Use**
— As a last layer decorative coating material in jacketing systems,
— It is used on interior and exterior plasters.

**Application Surfaces**
— Exteriors; Cement based plasters,
— Gas concrete (applied gas concrete plaster),
— Please consult us for other surfaces.

**Advantages**
— It is easy to apply and provides excellent adhesion.
— It is decorative and provides a homogeneous application.
— The wavy appearance in thermal insulation systems applications can be corrected.
— It is resistant to water and frost.
— It is resistant to external influences and protects the structure for many years.
— It allows the structure to breathe by allowing the diffusion of water vapor.
— Exterior paint can be applied on it.

**Preparation of the Surface**
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— Before application, Newsan Decorative Coating Primer is applied on the surface by brush or roller.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

**Preparation of Mortar**
— 25 kg. Newkim Decorative Plaster is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 2-3 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 1.5-2 hours.

**Application Details**
— The material should be applied to the surface with a steel trowel and spread over the entire surface of equal thickness.
— Application thickness should be adjusted according to the largest aggregate.
— Within 10 minutes at the latest, add a pattern to the plaster by making circular movements with a plastic trowel while the material is still wet.
— If the air temperature is high after the application is completed, moisten the surface until cemented.

**Application Limit**
— It is not applied on horizontal and inclined surfaces below 45 degrees.
— It is not applied directly on brick, briquette and gas concrete or on poorly plastered surfaces.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Requirements**

Steel trowel, plastic trowel.

**Warnings & Suggestions**

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— After drying, the surface should be painted with silicone-added exterior paint.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White-colored granules |
| Powder Density | 1.65 kg. / Lt. (±0.1) |
| Water Mixture | 6-7 lt. water / 25 kg. |
| Ratio Rest Time | Powder 2-3 minutes |
| Pot Life | Approximately 1.5-2 hours |
| Application Temperature | +5°C / +35°C |
| Application Thickness | Min. 2 mm |
| Adhesion Strength | >0.8 N/mm² |
| Dry Film Thickness | >400 µm E5 |
| Grain Size | >1500 µm S4 |


# Line Textured Mineral Plaster (White)



**Product Description**
Cement-based, line-textured, decorative exterior cladding prepared for composite thermal insulation systems.
(according to TS EN 13499:2006 standard)

**Areas of Use**
— As a last layer decorative coating material in jacketing systems,
— It is used on interior and exterior plasters.

**Application Surfaces Exteriors;**
— Cement based plasters,
— Gas concrete (applied gas concrete plaster),
— Please consult us for other surfaces.

**Advantages**
— It is easy to apply and provides excellent adhesion.
— It is decorative and provides a homogeneous application.
— The wavy appearance in thermal insulation systems applications can be corrected.
— It is resistant to water and frost.
— It is resistant to external influences and protects the structure for many years.
— It allows the structure to breathe by allowing the diffusion of water vapor.
— Exterior paint can be applied on it.

**Preparation of the Surface**
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— Before application, Newsan Multi Coating Primer is applied on the surface by brush or roller.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

**Preparation of Mortar**
— 25 kg. Newkim Decorative Plaster is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 2-3 minutes to mature and used again by mixing.
— The mixture in the bowl should be consumed within 1.5-2 hours.

**Application Details**
— The material should be applied to the surface with a steel trowel and spread over the entire surface of equal thickness.
— Application thickness should be adjusted according to the largest aggregate.
— Within 10 minutes at the latest, add a pattern to the plaster by making horizontal or vertical movements with a plastic trowel while the material is still wet.
— If the air temperature is high after the application is completed, moisten the surface until cemented.

**Product Details**
Line textured (Horizontal or Vertical)

**Application Limit**
— It is not applied on horizontal and inclined surfaces below 45 degrees.
— It is not applied directly on brick, briquette and gas concrete and on poorly plastered surfaces

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

— Steel trowel, plastic trowel.

**Warnings & Suggestions**

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— After drying, the surface should be painted with silicone-added exterior paint.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White-colored granules |
| Powder Density | 1.55 kg. / Lt. (±0.1) |
| Water Mixture | 6-7 lt. water / 25 kg. Powder |
| Ratio Rest Time | 2-3 minutes |
| Pot Life | Approximately 1.5-2 hours |
| Application Temperature | +5°C / +35°C |
| Application Thickness | 2 mm / min. |
| Adhesion Strengt | >0.8 N/mm² |

***Consumption***
*3 kg / m²*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White*


# Stone Wool Plaster Mortar (Fiber Added)

**Product Description**
It is a cement-based, fiber-added, high-performance plaster mortar with high flexibility and adhesion strength, used for plastering stone wool boards.

**Areas of Use**
It is used for making finishing plaster on thermal insulation boards such as stone wool, inside and outside.

**Application Surfaces**
Exteriors.
Cement-based plasters.

— **Advantages**
— It is easy to apply.
It is resistant to water and frost.
It is not affected by heat changes.
— It allows water vapor diffusion.
— Paint can be applied directly on it.
—
— **Preparation of the Surface**
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone,
— curing agent, detergent.
The plates to be plastered should be solid and well seated and the spaces between them should be closed with foam or the
— same material.

**Preparation of Mortar**
25 kg. Newkim Rock Wool Plastering Mortar (Fiber Additive) is added into approximately 5.5-6.5 lt of clean water and preferably
— mixed with a low speed mixer or trowel so that no lumps remain.
The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be
— consumed within 2 hours.

**Application Details**
At least 24 hours after the installation of the thermal insulation board, first layer plaster with a trowel is applied on the boards with a
— thickness of about 2 mm.
When the applied mortar is wet, the reinforcement net is pressed and stretched from above to below and buried in the
— mortar.
After about 6 hours, the surface is moistened and the second layer is covered over the plaster mesh and made smooth for
— the paint.
To prevent cracking, the net is overlapped 10 cm at the joints.
It is necessary to wait 2-3 days according to
— weather conditions and application thickness for the paint. If the air temperature is high
— after the application is completed, moisten the surface until plastered.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Steel trowel

**Warnings and Recommendations**

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity

| | |
|---|---|
| Appearance | Gray Colored Fine Powder |
| Powder | 1,65 kg. / Lt. (±0.150) |
| Density | 5.5-6.5 lt. water / 25 kg. Powder |
| Water Mixing | 3-5 minutes |
| Rate Resting Time | Yaklaşık 2 hours |
| Pot Life Skinning | 15-20 minutes |
| Plaster Application Time | 1-2 day. |
| Adhesion Strength Bending | ≥ 2.0 N/mm² |
| Strength Compressive Strength | ≥ 6.0 N/mm² |
| Adhesion Strength to Substrate | ≥ 0.5 N/mm² |
| Adhesion Strength to Thermal Insulation Board Water | ≥ 0.08 N/mm² |
| Absorption | ≤ 0.5 kg/m² dak. h0.5 |
| Su Buharı Geçirgenlik Katsayısı | ≥ 40 g/(m2.d) |
| Fire Class | A1 |

***Consumption***
*4-6 kg / m²*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Gray*


# Thermal Insulation Board Sticking mortar

**Product Description**
It is a high-performance, cement-based, polymer-added, flexible, high-stability adhesive mortar specially prepared for TS EN 13499:2006 ETICS composite thermal insulation systems.

**Areas of Use**
— Indoors and outdoors
— It is used for bonding of rock wool and mineral wool thermal insulation boards.

**Application Surfaces**
— Interior and Exterior Facades;
— Gross concrete, (primer applied) Brick,
— Cement based plaster, Gas concrete.
— Wood plate,
— Consult us for all other application surfaces.

**Advantages**
— It is easy to apply and provides excellent adhesion.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It is flexible
— It provides high stability, does not sag or crack.

**Preparation of the Surface**
— Care should be taken to cure the application surface.
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.
— Very porous surfaces should be wetted and the surface should remain moist until the water layer disappears.
— Significant defects or holes on the surface must be repaired with Newkim Repair Mortar at least 24 hours before the Newkim Stone Wool Board bonding application.

**Preparation of Mortar**
— 25 kg. Newkim Stone Wool Board adhesive mortar is added into approximately 5.5-6.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.

**According to the smoothness of the application surface;**
Bonding Method to Whole Surface;
— Apply Newkim Stone Wool Board adhesive mortar with a trowel or a suitable scalloped trowel on the entire heat insulation board.

**Strip and Point Application Method;**
— Apply the adhesive insulation board mortar with a trowel to all edges of the Thermal Insulation board in strip form and in the middle parts in points form.
— Use a gauge when gluing the boards during the application.

**Application Requirements**

- The ambient temperature should be between +5 °C and +35 °C.
- Avoid application in very humid and / or very hot weather, under the sun.
- It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
- No direct application is made on brick, briquette or gas concrete without rough plastering.

**Application Tools**

Hand mixer, trowel, scalloped trowel

**Warnings and Recommendations**

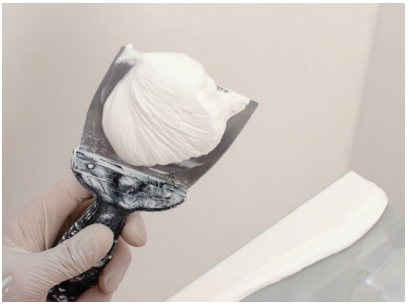
Insulation boards should be placed in close proximity to each other and the spaces between the plates should be as little as possible to prevent heat transfer.

**Technical**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Information | Gray Colored Fine Powder |
| Appearance | 1.65 kg/Lt. (± 0.1) |
| Powder Density | 5.5-6.5 lt. water / 25 kg. Powder |
| Water Mixing Rate | 3-5 minutes |
| Resting Time | Approximately 2 hours |
| Pot Life | 15 minutes |
| Uygulama Kalınlığı | Max. 8 mm. |
| Skinning Time | Min. 24 hours later |
| Dowelling | At least 1 day |
| Plaster Application Time | +5°C / +35°C |
| Adhesion Strength Bending | ≥ 2.0 N/mm² |
| Strength Compressive Strength | ≥ 6.0 N/mm² |
| Adhesion Strength to Substrate | ≥ 0.5 N/mm² |
| Adhesion Strength to Thermal Insulation Board Water | ≥ 0.08 N/mm² |
| Absorption (At the end of 30 min.) | ≤ 5 gr. |
| Water Absorption (At the end of 240 Min. ) | ≤ 10 gr. |
| Fire Class | A1 |


# Fine Satin Paste



**Product Description**
Cement-based, polymer-modified, high-adhesion sealant used to obtain a ready-to-paint, smooth topcoat surface.

**Areas of Use**
It is used for smoothing plaster surfaces on interior and especially exterior surfaces of all buildings, repairing pore, pit or capillary shrinkage cracks on the surfaces.

**Application Surfaces**
On the interior;
— Interior wall surfaces.
— On the exterior;
— On the balcony and inside.
— Cement based plaster applications.

**Advantages**
— It is resistant to water and frost.
— It is not affected by heat changes.
— It allows water vapor diffusion.

**Preparation of the Surface**
— The surface should be clean, firm and moist.
— Cracks and defects deeper than 3 mm should be repaired with Newkim Thin Repair Mortar at least 72 hours before fine satin application.
— Before the application, the surface must be moistened and saturated with water in very hot and windy weather.

**Preparation of Mortar**
— An average of 6.5-7 liters of clean water should be added in a 20 kg bag of Newkim fine satin paste.
— Newkim Fine Satin should be mixed with a trowel or a low speed hand mixer until it reaches a homogenous consistency. The mixture should be rested for 10 minutes before application.
— Newkim Thin Satin Paste should be applied with the help of a steel trowel to the whole surface in equal thickness.
— If more than one layer is to be applied, at least 3 hours between layers should be expected, total thickness should not exceed 3 mm.

**Application Details**
— After application, the surface should be moistened for 2-3 days.
— After Newkim Fine Satin Paste is completely dry, the surface should be sanded and smoothness should be provided.
— The specified periods are valid at 20 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Hand mixer, Steel trowel

**Warnings and Recommendations**

— After mixing Newkim fine satin paste with water, the resting time must be strictly observed and the mortar must be mixed thoroughly before application.
— No foreign materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Immediately after the application, the surface should be smoothed with a steel spatula or trowel, without allowing the material to set.
— After application, the surface should be moistened for 2-3 days.
— After the full drying period, it should be corrected with sandpaper.

**Technical**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Information | White color |
| Appearance Powder | 1.20 kg./Lt. (±0.1) |
| Density | 6.5-7 lt. water / 20 kg. Powder |
| Water Mixing Rate | 3-5 minutes |
| Resting Time Pot Life | Approximately 2 hours |
| Full Drying Application | 24 hours |
| Thickness | 1-3 mm |
| Layer Thickness That Can Be Applied | Max. 1,5 mm. (single layer) |
| Time to Wait Between Layers | Min. 3 hours. |


***Consumption***
*1.1-1.2 kg / m²*


***Packaging***
*20 kg. Kraft Bag*


***Shelf Life***
*1 year from the date of production in drought and dry environments*


***Color***
*Beyaz*


# Ready Machine Plaster

**Product Description**
It is a cement-based ready-mixed plaster with high adhesion strength and water-repellent feature.

**Areas of Use**
Inside and outside of all structures.

**Application Surfaces**
It is applied to brick, bims, gross concrete, briquette wall surfaces both indoors and outdoors.

**Advantages**
— It provides easy and fast application with the machine.
— The surface is terminated with a single layer
— application.
— It functions as coarse and fine plaster.
— With its homogeneous structure, it provides high adhesion and strength strengths at every point of the surface.
— With its water repellent feature, it is more resistant to water and moisture than traditional plasters.

**Preparation of the Surface**
— The application surface should be clean, free from dust and oils and should be robust.
— Repair of cracks and holes must be done before application.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.
— It should be primed with Newkim exposed concrete primer at least 24 hours before application on surfaces such as exposed concrete.
— Sprinkle plaster should be applied at least 3 days before the application on glossy surfaces, concrete walls and ceilings and high-water absorption surfaces.

**Preparation of Mortar**
— Newkim ready-mixed machine plaster is mixed with plaster mixing machine (4-5 Lt. water, 25 Kg. Bag) and sprayed on the surface.
— Application thickness is made between 1 cm and 2.5 cm in one layer. If the thickness is more than 2.5 cm, the second layer is applied at a maximum thickness of 2-2.5 cm after setting the first layer.
— Special aluminum profiles should be used for proper plaster application, and corner profiles should be used to prevent corner breaks.
— Between 2 boards should be leveled machine plaster with special aluminum gauge profiles sprayed in horizontal stripes.
— After the plaster has hardened sufficiently, the surface application is finished with the help of a damp sponge.

**Application Limit**
— Direct plastering should not be applied on metal and wood surfaces.
— It is not applied on plaster surfaces.
— It is not applied on old painted surface, ready colored plaster, siding, non-solid old plaster, asbestos cement or insulation panel surfaces that may be exposed to continuous humidity.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Suitable plaster netting should be used at different material joints and at points where movement may be thought.

**Application Tools**

Plaster machine, electric mixer, gauge, steel trowel

**Warnings and Recommendations**

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Gray |
| Powder Density | 1.65 kg/ Lt. (±0.1) |
| Water Mixing Rate | 4-5 lt. water / 25 kg. Powder |
| Resting Time | 3-5 minutes |
| Pot Life | Approximately 2 hours |
| Full Drying Application | 24 hours |
| Thickness | 10-50 mm |
| Time to Wait Between Layers | Min. 1 day |
| Time to Use the Mortar | Max. 2 hours |
| Application Thickness (Single layer) | 25 mm |
| Application Temperature | +5°C / +35°C |

***Consumption***
*15-17 kg / m² for 1 cm thickness*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White Gray*


# Ready Hand Plaster

**Product Description**
Cement-based, hand-applied general purpose plaster that performs the function of coarse and fine plaster together.

**Areas of Use**
Inside and outside of all structures.

**Application Surfaces**
It is applied to brick, bims, gross concrete, briquette wall surfaces both indoors and outdoors..

**Advantages**
— It offers easy and fast application.
— It functions as coarse and fine plaster.
— With its homogeneous structure, it shows high adhesion and strength strengths at every point of the surface.

**Preparation of the Surface**
— The surface must be cleaned from mold oil, dust, paint and adherence reducing agents.
— Repair of cracks and holes before application must be done with Newkim repair mortar.
— If necessary, the application surface should be moistened with water.
— It should be used 72 hours before pre-sprinkling on gas concrete walls.
— Sprinkling plaster should be applied before application on bright surfaces, concrete walls and ceilings.

**Preparation of Mortar**
— Newkim ready hand plaster is mixed with the hand mixer (4-5 Lt. water, 25 Kg. bag) and applied with a trowel on the surface.
— Application thickness is made between 1 cm and 2.5 cm in one layer.
— If the thickness is more than 2.5 cm, the second layer is applied at a maximum thickness of 2-2.5 cm after setting the first layer.
— Special aluminum profiles should be used for a smooth plaster application and corner profiles should be used to prevent corner breakings.
— Hand psater applied in horizontal stripes between 2 boards, after should be gauged with special aluminum gauge profiles.
— After the plaster has hardened sufficiently, the surface application is finished with the help of a damp sponge.

**Application Limit**
— Direct plastering should not be applied on metal and wood surfaces.
— It is not applied on plaster surfaces.
— It is not applied on old painted surface, ready colored plaster, siding, non-solid old plaster, asbestos cement or insulation panel surfaces that may be exposed to continuous humidity.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C. Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Suitable plaster netting should be used at different material joints and at points where movement may be thought.
— No foreign material should be added to the prepared mixture.

**Application Tools**

Electric mixer, gauge, steel trowel

**Warnings and Recommendations**

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Gray |
| Powder | 1,65 kg. / Lt. (±0.1) |
| Density | 4-5 lt. water / 25 kg. Powder |
| Water Mixing Rate | 3-5 minutes |
| Resting Time Pot Life | Approximately 2 hours |
| Full Drying Application | 24 hours |
| Temperature | +5°C / +35°C |
| Application Thickness | 10-50 mm |
| Application Single Layer Thickness | 25 mm. Max. |
| Time to Wait Between Layers | 1 day Min. |
| Usage Period of Mortar | Max. 2 hours |


# Mortar for Tile Ceramic Bonding

**Product description**
It is a cement-based, single-component powder mortar produced in accordance with TS EN 12004-1: 24.04.2017 C1 standards, used for bonding tiles and ceramics.

**Areas of Use**
— Interiors
— Horizontal and vertical surfaces,
— Small- and medium-size floor and wall ceramic bonding with water absorption rate over 3%,
— Maximum 33x33 cm coating materials.

**Application Surfaces**
Interior wall;
— Cement-based plaster,
Interior floor;
— Cement-based screed,
— Concrete flooring,
Outdoor Floors;
— Cement based screed,
— Concrete flooring,

**Advantages**
— Easy to apply.
— Economical.
— Does not sag in vertical applications.

**Surface Preparation**
— The surface must be clean, dry, smooth and firm, and plasters thinner than 3 mm. should be scraped and cleaned completely.
— In order to ensure moistness, porous surfaces should be wetted and waited until the water layer disappears.
— Important defects or holes should be repaired with Newkim Repair Mortar at least 24 hours before Newkim Tiles Ceramic
— Mortar application. Regional repairs below -7 mm. can be made by using Newkim Tiles Ceramic Mortar.

**Preparation of Mortar**
— 25 kg. of Newkim Decorative Plaster must be diluted in about 6-7 lt. of water and perfectly dissolved with the aid of a low-speed mixer or trowel.
— The mortar must sit 5-10 min. to mature and be used again by mixing.
— The resulting mixture should be consumed within 1-1.5 hours.

**Application Detail**
— The mortar should be applied to the surface and its thickness should be adjusted with a toothed steel trowel.
— The trowel tooth size should be determined according to the size of the ceramic to be laid as well as the smoothness of the application surface.
— For good adhesion, the air should be ejected by applying force with the help of rubber hammer.
— The adhesive mortar should touch at least 80% of the back side of the ceramic.
— Double-side bonding method should be selected if necessary.

**Application Conditions**

— Ambient temperature should be between +5 ° C and +35 ° C.
— Avoid application in very humid and / or very hot weather, strong wind or sun.
— Do not apply on frozen/melting surfaces or surfaces under threat of frost within 24 hours.
— Ensure Newkim Tiles Ceramic Adhesive Mortar does not form a film on the surface. Otherwise, the affected part should be combed again.

**Application Tools**

Steel gear trowel, mixer, rubber hammer.

**Warnings and Recomendations**

— Foreign materials must not be added to the mortar.
— Mix the mortar well before application until reaching homogenous consistency.
— All the tools used in application process should be washed with water afterwards before drying.

**Technical Data**

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

| | |
|---|---|
| View | White and Gray |
| Powder Density | 1.65 kg. / Lt. (± 0.1) |
| Water Mixing Ratio | 6-7 lt. water / 25 kg. Powder |
| Resting Time | 5-10 minutes |
| Container Life | About 1.5-2 hours |
| Working Time | Max. 15 minutes |
| Time required for joint application (Wall and Floor) | On the wall; 24 hours<br>48 hours on the ground |
| Opening Time of Soil to Traffic | 24-48 hours |
| Application Thickness | 3-10 mm (single- or double-side bonding) |
| Tensile, Adhesion Strength | Min. 15min. then> 0.5 N / mm² (EN 1346) |
| Adhesion Strength | > 0.5N / mm² (28 days) (EN 1348) |
| Fire Response Class | A1 |


# Extra Tile Ceramic Adhesive Mortar

**Product Description**
Cement-based ceramic adhesive mortar with reduced slip and open hold time extended, produced in accordance with TS EN 12004-1 (2017) +A1 standard. (C1 TE)

**Areas of Use**
It is used for laying ceramic, tile, glass mosaic and similar coating materials indoors, especially in wet areas such as bathrooms and kitchens, on walls and floors, and outdoors on floors.

**Application Surfaces**
Interior wall;
— Cement-based plaster,
Indoor floor;
— Cement-based screed,
— Concrete flooring,
— Outdoor floor;
— Cement-based screed,
— Concrete flooring,

**Advantages**
— It is easy to apply.
— It's economical.
— It does not sag in vertical applications.
— It allows fixing the glued plates for a long time.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— It is not applied on floors exposed to heavy plasters thinner than 3 mm above the surface should be scraped and cleaned completely.
— Porous surfaces should be wetted, and the surface should remain moist until the water layer disappears.
— Significant defects or holes in the surface should be repaired with Newkim Repair Mortar at least 24 hours prior to application of Newkim Extra Tile Ceramic Mortar.
— Regional repairs under 7 mm can be done using Extra Newkim Tile Ceramic Mortar.

**Preparation of Mortar**
— 25 kg. Newkim tiles and ceramic adhesive mortar is added to about 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 5-10 minutes to mature and used again by mixing.
— The mixture in the bowl should be consumed within 1.5-2 hours.

**Application Details**
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.
— For good adhesion, the air must be expelled by applying force with the help of a rubber hammer.
— The adhesive mortar should contact at least 80% of the back of the ceramic.
— If necessary, double-sided bonding method should be chosen.

**Application Limit**
— It is not applied on metal surfaces.
— It is not applied on wooden floors, old painted surfaces, swimming pools and existing ceramic coatings.

— "C2" class ceramic adhesive should be used for gypsum board applications.
— It is not applied on surfaces (terrace, balcony, etc.) exposed to climatic changes and difficult conditions.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Tiles Ceramic
— Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

**Application Tools**

Hand mixer, trowel, rubber hammer, toothed steel trowel.

**Warnings & Suggestions**

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

**Technical Data**

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).

| | |
|---|---|
| Appearance | White and Gray |
| Powder Density | 1.60 kg/ Lt. (±0.15) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. Powder |
| Resting Time Pot Life | 3-5 minutes |
| Working Time | Approximately 1.5-2 hours |
| Required Time For Joint | Max. 20 minutes |
| Application (on Wall and Floor) | On the Wall; 24 hours<br>48 hours on the Ground |
| Opening Time of the Ground to Traffic | 24-48 hours |
| Application Thickness | Between 3-10 mm (single or double side adhesive) |
| Fire Response Class Shift | A1 |
| Slip | ≤0.5 mm (EN 1308) |
| High Pressure Adhesion Strength | ≥0.5 mm (EN 1348) |


# Granite Ceramic Adhesive Mortar

**Product Description**
Cement-based glazed porcelain, porcelain ceramic and granite ceramic adhesive mortar with reduced slip, open hold time extended, high performanced, produced in accordance with TS EN 12004-1 (2017) +A1 standard. (C2 TE)

**Areas of Use**
It is used for laying ceramic, glazed porcelain, porcelain ceramic and granite ceramic coatings on the wall and floor indoors and on the floor outdoors.

**Application Surfaces**
Interior wall;
— Cement-based plaster,
— Primed with gross concrete lining,
— Gypsum plaster and gypsum panel (Newkim Acrylic Primer applied)
— Old ceramic coating (Newkim Newsera applied)

Interior floor;
— Cement based screed,
— Concrete floor,
— Old ceramic coating (Newkim Newsera applied)

Outdoor floor;
— Cement based screed,
— Concrete floor,

**Advantages**
— Secure bonding in coatings such as oversized glazed porcelain, porcelain ceramics and granite ceramics.
— High performance in ceramic over ceramic applications.
— Application possibility on plaster surfaces.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— Plasters thinner than 3 mm above the surface should be scraped and cleaned completely.
— Very porous surfaces should be wetted and the surface should remain moist until the water layer disappears.
— Any significant defects or holes in the surface should be repaired with a Newkim Thick Repair Mortar at least 24 hours prior to application of Granite Ceramic Adhesive Mortar.
— Regional repairs under 7 mm can be made using a Granite Ceramic Adhesive Mortar.

**Preparation of Mortar**
— Average 6-7 liters of water and 25 kg Granite Ceramic Adhesive Mortar should be mixed with a low speed mixer or trowel so that no lumps remain.
— Granite Ceramic Adhesive mortar should be mixed for 15-30 seconds before application after resting for 5 minutes.
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.

**Application Limit**

— It is not applied on metal surfaces.
— It is not applied on prefabricated and underfloor heated floors. (Newkim Flex Mortar Granite Adhesive Mortar should be used.)
— It is not applied on exterior facades. (Newkim Flex Mortar Granite Adhesive Mortar should be used.)

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Granit Ceramic Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

**Application Tools**

Hand mixer, trowel, rubber hammer, toothed steel trowel.

**Warnings and Recomendations**

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

**Technical Data**

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).

| | |
|---|---|
| Appearance | White and Gray |
| Powder Density | 1.60 kg/ Lt. (±0.15) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. Powder |
| Resting Time | 3-5 minutes |
| Pot Life | Approximately 2 hours |
| Working Time | Max. 20 minutes |
| Time Required For Joint Application | 24 hours |
| Time To Open The Floor To Traffic | 24 hours (1 Week for heavy traffic) |
| Application Thickness | Between 3-10 mm (single or double side adhesive) |
| Slipping | ≤0.5 mm (EN 1308) |
| High Initial Tensile Strength Fire Grade | ≥1 N/mm² (EN 1348) |
| Fire Response Class | A1 |


# Flex Mortar Granite Adhesive Mortar

**Product Description**
It is a cement-based, single-component granite, marble and ceramic special adhesive mortar with high polymer additives and very strong adhesion strength. (C2 TES2)

— **Areas of Use**
On indoor and outdoor, horizontal and
— vertical surfaces,
In flooring and adhesion of large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone
— coating,
In places such as workplaces, shopping centers, schools, hospitals that are exposed
— to heavy and pedestrian traffic,
— In under-heated systems,
For ceramic coating on old granite and marble,

**Application Surfaces**
— **Interior wall;**
— Cement-based plaster,
Interior and exterior floor
— primed with gross concrete lining;
— cement-based screed,
Concrete flooring.

— **Advantages**
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is not affected by heat changes.
— It is resistant to high heat and cold.
— It provides high stability.
It does not sag in vertical applications.

— **Preparation of the Surface**
The application surface should be cleaned from dust, oil, paint and other chemicals and
— loose parts.
Surface defects should be corrected 24 hours
— in advance with Newkim Repair Mortar.
All mineral-based absorbent surfaces should be wetted before application and should
— remain moist.
In cases where the surface absorbency is high, application should be made after Newkim Liquid Primer is drawn to the surface.

— **Preparation of Mortar**
25 kg Newkim Flex Mortar Granit Adhesive Mortar is poured into 6-7 liters of clean water and mixed with a low speed mixer
— until a homogeneous mixture is obtained.
The mortar is left to rest for 5 minutes and mixed again.

— **Application Details**
The mortar is applied on the surface by pulling in one direction with a toothed steel
— trowel.
The tooth size of the trowel should be determined according to the size of the granit to be laid and the smoothness of the
— surface to be applied.
Granites are adhered to the mortar surface
— within 20 minutes.
Force is applied with the help of a rubber hammer to ensure full contact of the mortar to the granite. Care should be taken to leave the desired joint spacing between
— granites.
The joint filling process can be started at least 48 hours after the adhesive application.

— It is ideal for coating materials such as ceramics, tiles, tiles, granite, 40 x 40 cm and larger.
— Double-sided application is recommended for larger sizes.

**Application Limit**
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— Do not go beyond the specified application surface and instructions for use.

**Application Requirements**
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**
Hand mixer, Steel trowel, Rubber Hammer

**Warnings & Suggestions**
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again. Applica-
— tion should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

| Consumption Detail | Comb Tooth Width | Consumption (Amount of Powder) | Consumption (Amount of Mortar) |
|---|---|---|---|
| 1 m² | 6x6x6 | 1.7 - 1.9 kg./m² | 2.3 - 2.5 kg./m² |
| 1 m² | 8x8x8 | 2.4 - 2.6 kg./m² | 3.2 - 3.5 kg./m² |

**Technical Data** Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

| | |
|---|---|
| Appearance | White and Gray Fine Powder |
| Powder Density | 1.65 kg. / Lt. (±0.15) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. Powder |
| Resting Time | 5-10 minutes |
| Pot Life | 1.5-2 hours |
| Extended Open Hold Time | Min. After 30 minutes |
| Pull Adhesion Force | ≤0.5 N / mm² (EN 1346) |
| Application Temperature | Between + 5 °C and + 35 °C |
| Adhesion Force (28 days EN 1348) | ≥1 N/mm² |
| Slip | ≤0.5 mm (EN 1308) |
| Transverse Shape Changing | ≥2.5 mm and ≥5 mm (EN 12002) |
| Walking Time On | Min. 24 hours |
| Fire Response Class | A1 |


# Flex Granite Ceramic Adhesive Mortar

**Product Description**
Polymer added Elastic granite ceramic adhesive mortar with reduced slip, open hold time extended and improved with additional features. (C2 TES1)

**Areas of Use**
— On horizontal and vertical surfaces,
— In the laying of large size floor and wall ceramics, granite, granite ceramic, marble, clinker, all kinds of natural stone and travertine coatings,
— In workplaces exposed to heavy traffic, shopping malls, schools, hospitals, under-floor heating systems, ceramic coatings on old granite and marble.

**Application Surfaces**
Indoor wall;
— Cement-based plaster,
— Gross concrete,
— Gypsum plaster and gypsum panel, (Newkim Acrylic Primer applied)
— Old ceramic coating, (Newkim Newsera applied)
Indoor floor;
— Cement based screed, Concrete floor,
— Old ceramic coating
Outdoor floor and wall;
— Cement based screed,
— Gross concrete, Outdoor wall.

**Advantages**
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is resistant to high heat and cold.

**Preparation of the Surface**
— Very porous surfaces should be wetted and waited until the water layer disappears so that the surface remains moist.
— Any significant defects or holes in the surface should be repaired with a Thick Repair Mortar at least 24 hours prior to application of Granite Ceramic Adhesive Mortar.
— Regional repairs under 7 mm can be made using a Granite Ceramic Adhesive Mortar.
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.
— For large size ceramics, mortar should be applied both on the surface to be applied and on the back of the ceramic. (Double-side adhesion).
— All outdoor, floor and wall applications.

**Preparation of Mortar**
— Average 6-7 liters of water and 25 kg Flex Granite Ceramic Adhesive Mortar should be mixed with a low speed mixer or trowel so that no lumps remain.
— After resting the Flex Granite Ceramic
— Adhesive Mortar for 5 minutes, it should be mixed again for 1-2 minutes before application.
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.

**Application Limit**
— It is not applied on metal surfaces.

**Application Requirements**
— Ambient temperature is between +5 °C and +35 °C.
— It should not be applied on surfaces that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Flex Granit Ceramic Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

**Application Tools**
Hand mixer, trowel, rubber hammer, toothed steel trowel.

**Warnings and Recommendations**
— Newkim Silicone Flex Joint Filler should be used in joint application.
— Foreign materials must not be added.
— After application, all tools used should be washed with water before drying

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Gray Fine Powder |
| Powder Density | 1.65 kg. / Lt. (±0.15) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. Powder |
| Resting Time | 5-10 minutes |
| Pot Life | 1.5-2 hours |
| Extended Open Hold Time Pull | Max. After 30 minutes |
| Adhesion Force | ≥0.5 N / mm² (EN 1346) |
| Application Temperature | Between + 5 °C and + 35 °C |
| Adhesion Force (28 days EN 1348) | ≥1 N/mm² |
| Slip | ≤0.5 mm (EN 1308) |
| Transverse Shape Changing | ≥2.5 mm and >5 mm (EN 12002) |
| Walking Time On | Min. 24 hours |
| Fire Response Class | A1 |


# Pool and Wet Floor Adhesive Mortar

**Product Description**
It is a high performance, single component special adhesive mortar containing cement based polymer modified fillers and also provides. (C2 TES2)

**Areas of Use**
— On indoor and outdoor, horizontal and vertical surfaces,
— In wet environments such as pool, water tank, sauna, Turkish bath,
— It is used for adhering coatings such as ceramic, glass mosaic on surfaces such as concrete, plaster and screed.
— It can be applied on cement-based plasters and under-heated floors on concrete surfaces and on floors subject to heavy traffic.

**Application Surfaces**
indoor and outdoor wall;
— Cement-based plaster,
Indoor and outdoor;
— floors with gross concrete lining;
— Cement based screed,
— Concrete flooring,

**Advantages**
— It provides high performance in bonding in wet areas.
— Provides high adhesion strength.

**Preparation of the Surface**
— Defects on the application surface should be corrected 24 hours before, with the appropriate Newkim repair mortar, depending on the surface depth and structure.
— The application surface should be wetted and should remain moist.
— If the surface is very water absorbent, primer should be applied to the surface and then applied.

**Preparation of Mortar**
— A 25 kg bag of dry mortar is poured into approximately 6-7 liters of water slowly and mixed with a mixture or a trowel so that it does not lump.
— Wait for 5 minutes to complete the chemical reaction.
— It is mixed again before starting to use.

**Application Details**
— First, a contact layer is created by pressing the adhesive mortar vigorously over the application surface.
— The product is combed with a toothed trowel of your choice according to the size of the tile.
— In vertical applications, dilatation joints should be fixed to their places by applying force so as not to be covered in the bottom row and in ground and pool applications.
— The adhesive mortar should contact at least 80% of the back of the ceramic.
— During the laying of large-sized ceramics, double-sided bonding method should be preferred, and adhesive plaster should be applied to both the back of the ceramic and the surface and plates should be fixed so that the carding direction is perpendicular to each other.
— Apply force with the help of a rubber hammer to ensure good adhesion.

— Stick the tiles on the mortar combed within 30 minutes at the latest.
— The prepared mortar should be consumed within 2 hours.

**Application Limit**
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— It cannot be applied on surfaces such as gypsum board, gypsum plaster, gypsum block without adherence enhancing primer.

**Application Requirements**
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.

**Application Tools**
Hand mixer, trowel, rubber hammer, toothed steel trowel.

**Warnings & Suggestions**
— Newkim Silicone Flex Joint Filler should be used in joint application.
— Foreign materials must not be added.
— After application, all tools used should be washed with water before drying.

**- CONSUMPTION -**

| Applied Surface | Comb Tooth Depth | Consumption (One Sided) | Consumption (Double Sided) |
|---|---|---|---|
| 1 m² | 4x4x4 | 1,2 - 1,3 kg/m² | 1,7 1,8-kg/m² |
| 1 m² | 6x6x6 | 1,7 - 1,9 kg/m² | 2,3 - 2,5 kg/m² |
| 1 m² | 8x8x8 | 2,4 - 2,6 kg/m² | 3,2 - 3,5 kg/m² |

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Gray Fine Powder |
| Powder Density | 1,65 kg. / Lt. (±0.15) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. Powder |
| Resting Time Pot | 5 minutes |
| Life | 1.5-2 hours |
| Extended Open Hold Time Pull | Min. After 30 minutes ≥0.5 |
| Adhesion Force | N/mm² (EN 1346) |
| Application Temperature | +5°C ile +35°C arası |
| Adhesion Force (28 days EN 1348) | ≥1 N/mm² |
| Slip | ≤0.5 mm (EN 1308) |
| Transverse Shape Changing | ≥2.5 mm ve ≥5 mm (EN 12002) |
| Walking Time On | Min. 24 hours |
| Fire Response Class | A1 |


***Consumption***
*3-5 kg / m²*


***Packaging***
*25 kg. Kraft bag.*


***Shelf Life***
*1 year from the date of production in drought and dry environments*


***Color***
*White Gray*


# Aerated Concrete, Brick Adhesive Mortar

**Product Description**
Ready-made mortar used for masonry with cement-based, aerated concrete, brick materials.

**Areas of Use**
— It is used for building walls with building elements such as gas concrete and brick with high water absorption rate.
— It is suitable for leveling of wall surfaces and filling of gaps and cracks.

**Application Surfaces**
**Indoors and Outdoors;**
— Gas concrete,
— Brick.

**Advantages**
— It has high adhesion strength.
— It can be easily trowellable.
— It saves time and labor

**Preparation of the Surface**
Before application, the surface should be cleaned from mold oil, paint, dust and adhesive reducing agents.

**Preparation of Mortar**
— Gas Concrete, Brick Mesh Mortar is preferably mixed with electric mixer.
— While preparing 6-7 lt water and 25 kg bag mortar; the plastic container is filled with water, then aerated concrete adhesive is added and mixed.
— Wait for 5 minutes then mix again.

**Application Details**
— The prepared mortar is applied on horizontal and vertical surfaces by combing.
— The placed gas concrete block is seated by malleting from the top and from the side.
— During the knitting process, the combination of columns and curtains into gas concrete blocks should be provided with gas concrete adhesive.
— The first row should be knitted with cemented mortar in its scales.
— Gas concrete block surfaces must be moistened with water before application.
— The first row of gas concrete blocks are made by wetting the lower and side surfaces in contact with the building mortar with water.
— There is no need to soak the gas concrete block in the knitting of the other rows.
— Gas concrete adhesive is applied to the surface with a trowel or a 10x10 wide scalloped trowel.
— During the application, horizontal and vertical joints should be maximum 3 mm.

| Brick Size | Consumption |
|---|---|
| 20x50x20 cm | 5 - 6 kg / m² |
| 20x70x20 cm | 6 - 7 kg / m² |
| 30x50x15 cm | 3 - 4 kg / m² |
| 30x50x20 cm | 4 - 5 kg / m² |
| 30x70x20 cm | 5 - 6 kg / m² |

| Aerated Concrete Block Width (cm) | Consumption (kg/m²) |
|---|---|
| 8,5 | 2 |
| 9 | 2 |
| 10 | 2,5 |
| 12,5 | 3 |
| 13,5 | 3 |
| 15 | 3,5 |
| 17,5 | 4 |
| 19 | 4,5 |
| 20 | 5 |
| 22,5 | 5 |
| 25 | 6 |
| 27,5 | 6,5 |
| 30 | 7 |

**Application Limit**
- It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
- Do not go beyond the specified application surface and instructions for use.

**Application Requirements**
- The ambient temperature should be between +5 °C and +35 °C.
- It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
- It should not be applied under direct sun, strong wind or on hot surfaces.
- No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
- Expired mortars should not be mixed with water or dry mortar and used again.

**Application Tools**
- Hand mixer, Notched trowel, Mallet

**Warnings & Suggestions**
- The expired or crusty mortar in the container should be disposed of.
- Open packaging should be consumed within 7 days.
- After application, all tools used should be washed with water before drying.

**Technical Data**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray Colored Fine Powder |
| Powder Density | 1.65 kg/Lt. (± 0.15) |
| Water Mixture Ratio | 6-7 lt. water / 25 kg. Powder |
| Resting Time | 5 minutes |
| Container Life Usage | Approximately 2 hours |
| Time Compressive | Max. 2 hours |
| Strength Fire | ≥ 10 N/mm² (28 days) (M10) |
| Fire Response Class | A1 |


# Ridge Tile Adhesive Mortar

**Product Description**
It is a cement-based, single-component, polymer-added adhesive mortar with high performance and stability, used in the assembly of roof ridge tiles.

**Areas of Use**
It is used for bonding surfaces such as ridge and tile on roofs.

**Advantages**
— It is decorative with its brick color.
— It prevents cracking thanks to polymer addditive.
— It provides strong adhesion.
— It is resistant to water and frost.
— It is not affected by heat changes.
— It provides high stability and does not sag in vertical applications.

**Preparation of the Surface**
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.

**Preparation of Mortar**
— 25 kg Newkim Ridge Tile Adhesive Mortar is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 5-10 minutes to mature and used again by mixing.

**Application Details**
— First, the adhesive mortar is spread over the application surface.
— It is applied to the junctions of the ridge without leaving any gap. The final shape is given by moist sponge.
— Moisten the surface for 24 hours after application in very hot weather and on surfaces exposed to direct sun.
— The mixture in the bowl should be consumed within 2 hours.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Steel trowel, plastic trowel.

**Warnings & Suggestions**

— Avoid application at temperatures below 5°C and above +35°C.
— The mortar should not be stepped on the ridge until it is dry.
— Attention should be paid to the pot life.
— Mortar should be prepared to be consumed within 2 hours.
— Pay attention to the amount of water involved in the mortar. Do not add too much water.
— Avoid application in areas that are frozen, at risk of freezing within 24 hours and exposed to wind until conditions improve.
— Do not add powder or water to the expired mortar.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Tile red fine powder |
| Powder Density | 1.65 kg/lt. (±0.1) |
| Water Mixing | 6-7 lt. water / 25 kg. powder |
| Rate Resting Time | Powder 5-10 minutes |
| Pot Life | Approximately 2 hours |
| Skinning Time | 15-20 minutes |
| Application Temperature | +5°C / +35°C |
| Bond Strength | ≥0.3 N/mm² |
| Fire Response Class | A1 |

***Consumption***
*600 gr depending on the surface. (1 pcs of ridge)*

***Packaging***
*25 kg. Kraft bag.*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Tile Color*


# Jamb Adhesive Mortar

**Product Description**
It is a cement-based, polymer-added, EPS-structured jamb mortar used for sticking interior and exterior coatings of products such as jambs, plaster boards, ceiling cores to the surface.

**Areas of Use**
It is used to adhere products such as jamb, cornice, windowsills, ceiling moldings to the surface.

**Advantages**
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is resistant to high heat and cold.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— Very porous surfaces should be wetted, and the surface should be kept in such a way that it is saturated with moisture.
— Important defects on the surface should be repaired with Newkim Repair Mortar at least 24 hours before jamb adhesion application.
— Care should be taken to cure the application surface.

**Preparation of Mortar**
— 25 kg Newkim Jamb Adhesive is poured into 6-7 liters of clean water and mixed with a low speed mixer until a homogeneous mixture is obtained.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

**Application Details**
— Jamb Adhesive should be applied to jamb with the help of a steel trowel.
— Adhesive mortar is applied all around, making sure that it remains 5 cm from the edges so as to surround the jamb.
— The jamb is pressed onto the surface to be glued.
— Full adhesion is achieved by tapping the rubber mallet on it.
— The prepared mortar should be consumed within 2 hours.
— Newkim jamb adhesive mortar should be applied in 4mm thickness.

**Application Limit**

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— It cannot be applied on wood surfaces, metal surfaces and moisture-exposed surfaces.
— It cannot be applied on surfaces such as gypsum board, gypsum plaster, gypsum block without adherence enhancing primer.
— Do not go beyond the specified application surface and instructions for use.

**Application Tools**

Hand mixer, Steel trowel

**Warnings & Suggestions**

— The packaged product should not be stored in humid environments.
— Foreign materials must not be added.
— It is recommended to be consumed within 7 days after the bag is opened.
— After application, all tools used should be washed with water before drying.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Gray |
| Powder Density | 1.6 kg/ $m^3$ (±0.1) |
| Water Mixing Rate | 6-7 lt. water / 25 kg. |
| Resting Time | Powder 5-10 minutes |
| Pot Life | Approximately 2 hours |
| Application Thickness | 4 mm |
| Fire Response Class | A1 |

***Consumption***
*4-6 kg / $m^2$*

***Packaging***
*25 kg. Kraft bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White Gray*


# Joint Filler 1-6 mm.

**Product Description**
It is a white cement-based joint filling material produced in accordance with TS EN 13888-1 (September-2022) CG1 standards.

**Areas of Use**
It is used in grouting applications up to 1-6 mm width of ceramic, tile and similar coating materials.

**Application Surfaces**
— Indoor wall and floor,
— Outdoor wall and floor,
— Consult us for all other application surfaces.

**Advantages**
— It provides safe application in joints between 1-6 mm.
— It allows easy application.

**Preparation of the Surface**
— In order to provide a homogeneous drying, dust, sawdust, construction cement residues that can be found between the joint cavities should be scraped using a thin stick and cleaned with a brush before applying the joint.
— Especially on the walls, joint gaps should be moistened before application.

**Preparation of Mortar**
— 20 kg. Newkim Joint Filler (1-6mm) is used in approximately 6-7 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel. It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

**Application Details**
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel. In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened sponge-tip spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Joint Filler is wet.

**Application Limit**
— It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.
— It is not applicable in swimming pools.
— It is not applied on floors suitable for deformation such as underfloor heated floors. (Newkim Silicone Flex Joint should be used).
— It is not applied on surfaces (terrace, balcony, etc.) exposed to climatic changes and difficult conditions.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

**Application Tools**

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

**Warnings & Suggestions**

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
After application, all tools used should be washed with water before drying.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.
— It can be produced in any color.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White Colored Fine Powder |
| Powder Density | 1.2 kg. / Lt. (±0.1) |
| Water Mixing Rate | 6-7 lt. water / 20 kg. Powder 5-10 minutes |
| Resting Time Pot Life | Approximately 1 hour |
| Full Drying Time | 24 hours |
| Opening Time of the Ground to Traffic | 24-48 hours |
| Application Temperature | +5°C / +35°C |
| Time to Use Wear | After 24 hours on the wall / 48 hours on the floor |
| Resistance Bending | ≤ 2000 mm³ |
| Distribution | ≥ 2.5 N/mm³ |
| Bending Strength | ≥ 15 N/mm³ |
| Shrinkage | ≤ 3.0 mm/m |
| Water Absorption | 30 min. ≤ 5 gr / 240 min. ≤ 10 gr |


# Silicon Flex Joint Filler
1-6 mm.

**Product Description**
Cement-based, silicone-added, high-performance colored joint filler developed with special polymer additives.

**Areas of Use**
It is used in joint applications of ceramic, tile, natural stone, granite ceramic, marble and similar coating materials up to 1-6 mm wide.

**Application Surfaces**
— Indoor wall and floor,
— Outdoor wall and floor.
— Consult us for all other application surfaces.

**Advantages**
— Thanks to the newly developed formula structure with silicon doped;
— Provides higher performance against contamination,
— Easy to clean,
— Has high water repulsion,
— It provides maximum resistance against abrasion and resists mold and fungus formation,
— It is used in places with heavy pedestrian and load traffic, sudden temperature changes such as exterior facade, balcony, terrace, under-heated system, warehouse,
— It gives perfect results in wet areas such as bathrooms, showers, toilets, easily polluted places such as kitchens, horizontal and vertical applications.

**Preparation of the Surface**
— In order to provide a homogeneous drying, Use Wet Floor Flex Joint Filler.)
— Cement residues should be scraped using a thin stick and cleaned with a brush.
— Especially on the walls, joint gaps should be moistened before application.

**Preparation of Mortar**
— 20 kg. Silicon Flex Joint Filler (1-6mm) is used in approximately 6-7 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

**Application Details**
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel. In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Silicone Flex Joint Filler is wet..

**Application Limit**
— It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.
— Before applying the joint, dust, sawdust, It is not applicable in swimming pools. (Use Pool and Wet Floor Flex Joint Filler.)

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

**Application Tools**

— Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

**Warnings & Suggestions**

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— Materials sensitive to stain, such as natural stone and granite ceramics, should be protected with ceramic shielding before application so that they are not affected by the colored Newkim Silicon Flex Joint.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, muriatic acid, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.

**Technical Data**

Realitive Humidity; 23°C (±2°C)'de %55 (±5°C)

| | |
|---|---|
| Appearance | White Colored Fine Powder |
| Powder Density | 1.2 kg. / Lt. (±0.1) |
| Water Mixing Rate | 6-7 lt. water / 20 kg. |
| Resting Time | 5-10 minutes |
| Pot Life | Approximately 1 hours |
| Full Drying Time | 24 hours |
| Opening Time of the Ground to Traffic | 24-48 hours |
| Application Temperature | +5°C / +35°C |
| Time to Use | After 24 hours on the wall / 48 hours on the floor |


# Flex Wide Joint Filler (6-20 mm)

**Product Description**
Cement-based, silicone-added, high-performance colored joint filler developed with special polymer additives.

**Areas of Use**
It is used in interior spaces, horizontally and vertically, to fill the gaps between granite, ceramic, tiles, marble, stone and similar coating materials up to 20 mm width.

**Application Surfaces**
— Interior wall and floor,
— Outdoor floor.
— Consult us for all other application surfaces.

**Advantages**
— It is resistant to water and frost.
— Suitable for use where heat differences are intense.
— It provides high performance with its elasticity property.
— It allows application up to 20 mm thick.

**Preparation of the Surface**
In order to provide a homogeneous drying, Before applying the joint, dust, sawdust,
It is not applicable in swimming pools. (Pool and construction cement residues that can be found in the joint spaces should be scraped using a thin stick and cleaned with a brush. Especially on the walls, joint gaps should be moistened before application.

**Preparation of Mortar**
— 20 kg. Newkim wide joint (6-20mm) into approximately 6-7 lt of clean water Use Wet Floor Flex Joint Filler.)
— it is preferably used with a low-speed mixer or trowel so that no lumps are left.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

**Application Details**
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel.
— In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Flex Wide Joint is wet.

**Application Limit**
It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

**Application Tools**

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

**Warnings & Suggestions**

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— Materials sensitive to stain, such as natural stone and granite ceramics, should be protected with ceramic shielding before application so that they are not affected by the colored Newkim Flex Joint.
— Joint protection should be used on frequently cleaned surfaces such as kitchen countertops in order to maintain the color of the joint fill used on the floors and to ensure long life.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, muriatic acid, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light-colored joint fillings, keeping the ceramics in water should be avoided before application.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White and Colored Fine Powder |
| Powder Density | 1.3 kg. / Lt. (±0.1) |
| Water Mixing | 6-7 lt. water / 20 kg. |
| Rate Resting Time | Powder 5-10 minutes |
| Pot Life | Approximately 1 hours |
| Full Drying Time | 24 hours |
| Opening Time of the Ground to Traffic | 24-48 hours |
| Application Temperature | +5°C / +35°C |
| Time to Use | After 24 hours on the wall / 48 hours on the |

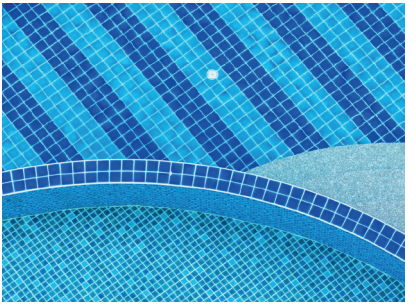
***Consumption***
*See the Consumption*

***Packaging***
*20 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry*

***Color***
*White or Colored*


# Pool and Wet Floor Flex Joint Filler (1-6 mm)



**Product Description**

It is a flexible joint filling mortar that can be applied indoor and outdoor, creates a smooth surface and maintains its water resistance after freezing and thawing, with the formula created from specially selected fillers and chemicals.

**Areas of Use**

— In interior spaces, on all wet floors, on all kinds of flooring plates with adhesive group,
— In water tanks, swimming pools and shocking facilities
— Indoors (bathroom, toilet, kitchen, sauna, etc.)
— Outdoors (pool),
— It is used in horizontal and vertical filling of granite, ceramic, tile, marble, stone and similar coating materials up to 1-6 mm width.

**Application Surfaces**

— Interior wall and floor,
— Outdoor wall and floor.
— Consult us for all other application surfaces.

**Advantages**

— It provides excellent adhesion in jointing processes without cracking.
— It is easy to prepare and apply.
— It does not distort and scratch the exterior appearance of the glazes on its surface.
— Processing time after preparation is long. It's waterproof.
— It absorbs vibrations.
— It is resistant to soap and detergents.

**Preparation of the Surface**

— In order to provide a homogeneous drying, dust, sawdust, construction cement residues that can be found between the joint cavities should be scraped using a thin stick and cleaned with a brush before applying the joint.
— Especially on the walls, joint gaps should be moistened before application.

**Preparation of Mortar**

— 20 kg. Newkim Pool and Wet Floor Joint Filler (1-6mm) is used in approximately 6.5-7.5 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

**Application Details**

— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel.
— In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened sponge-tip spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Pool and Wet Floor Joint Filler is wet.

**Application Limit**
It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.

**Application Requirements**
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

**Application Tools**
Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

**Warnings & Suggestions**
— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, spirit of salt, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White Colored Fine Powder |
| Powder Density | 1.2 kg. / Lt. (±0.1) |
| Water Mixing | 6.5-7.5 lt. water / 20 kg. Powder |
| Rate Resting Time | 5-10 minutes |
| Pot Life | Approximately 1 hours |
| Full Drying Time | 24 hours |
| Opening Time of the Ground to Traffic | 24-48 hours |
| Application Temperature | +5°C / +35°C |
| Time to Use | After 24 hours on the wall / 48 hours on the floor |

***Consumption***
*See the Consumption Table*

***Packaging***
*20 kg. Kraft bag.*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White or Colored*

# Joint Filler Consumption Table

| Joint filling width (mm) | Joint filling depth (mm) | Ceramic dimensions (mm) | Consumption (gr /m²) | Joint filling width (mm) | Joint filling depth (mm) | Ceramic dimensions (mm) | Consumption (gr / m²) |
|---|---|---|---|---|---|---|---|
| 1 | 6 | 100x100 | 200 | 7 | 7 | 200x200 | 860 |
| 1 | 6 | 100x200 | 250 | 7 | 7 | 250x250 | 690 |
| 1 | 9 | 100x200 | 150 | 7 | 8.5 | 300x300 | 700 |
| 1 | 6 | 150x150 | 170 | 7 | 9 | 300x600 | 550 |
| 1 | 8 | 200x200 | 120 | 7 | 7 | 330x330 | 520 |
| 1 | 9 | 200x250 | 130 | 7 | 9 | 330x500 | 560 |
| 1 | 8 | 200x300 | 100 | 7 | 9 | 400x400 | 550 |
| 1 | 8 | 250x330 | 100 | 7 | 12 | 600x600 | 500 |
| 1 | 9 | 300x300 | 400 | 7 | 15 | 150x300 | 1850 |
| 2 | 6 | 100x100 | 300 | 7 | 15 | 250x250 | 1500 |
| 2 | 6 | 100x200 | 500 | 7 | 18 | 300x300 | 1500 |
| 2 | 9 | 100x200 | 270 | 10 | 7 | 200x200 | 1230 |
| 2 | 6 | 150x150 | 340 | 10 | 7 | 250x250 | 1000 |
| 2 | 8 | 200x200 | 250 | 10 | 8.5 | 300x300 | 1000 |
| 2 | 9 | 200x250 | 250 | 10 | 9 | 300x600 | 860 |
| 2 | 8 | 200x300 | 200 | 10 | 7 | 250x250 | 750 |
| 2 | 8 | 250x330 | 200 | 10 | 9 | 330x500 | 800 |
| 2 | 9 | 300x300 | 600 | 10 | 9 | 400x400 | 800 |
| 3 | 6 | 100x100 | 500 | 10 | 1 | 600x600 | 700 |
| 3 | 6 | 100x200 | 750 | 10 | 15 | 150x300 | 2650 |
| 3 | 9 | 100x200 | 400 | 10 | 15 | 250x250 | 2100 |
| 3 | 6 | 150x150 | 500 | 10 | 18 | 300x300 | 2100 |
| 3 | 8 | 200x200 | 360 | | | | |
| 3 | 9 | 200x250 | 400 | | | | |
| 3 | 8 | 200x300 | 300 | | | | |
| 3 | 8 | 250x330 | 300 | | | | |
| 3 | 7 | 300x300 | 500 | | | | |
| 4 | 7 | 200x200 | 400 | | | | |
| 4 | 8.5 | 250x250 | 400 | | | | |
| 4 | 9 | 300x300 | 320 | | | | |
| 4 | 7 | 300x600 | 300 | | | | |
| 4 | 9 | 330x300 | 320 | | | | |
| 4 | 9 | 330x500 | 315 | | | | |
| 4 | 12 | 400x400 | 280 | | | | |
| 4 | 15 | 600x600 | 1050 | | | | |
| 4 | 15 | 150x300 | 850 | | | | |
| 4 | 18 | 250x250 | 850 | | | | |
| 4 | 7 | 300x300 | 620 | | | | |
| 5 | 7 | 200x200 | 500 | | | | |
| 5 | 8.5 | 250x250 | 500 | | | | |
| 5 | 9 | 300x300 | 400 | | | | |
| 5 | 7 | 330x330 | 380 | | | | |
| 5 | 9 | 330x500 | 400 | | | | |
| 5 | 9 | 400x400 | 400 | | | | |
| 5 | 12 | 600x600 | 350 | | | | |
| 5 | 15 | 150x300 | 1350 | | | | |
| 5 | 15 | 250x250 | 1050 | | | | |
| 5 | 18 | 300x300 | 1050 | | | | |

# Joint Filling Colors

| Product Code | Name of the Product | Color |
|---|---|---|
| | | 1. GROUP |
| 30302-BY | NEW BEYAZ | |
| 30302-BJ | NEW BEJ | |
| 30302-BHB | NEW BAHAMA | |
| 30302-GR | NEW GRİ | |
| 30302-KPB | NEW KAPADOKYA | |
| 30302-KR | NEW KREM | |
| | | 2. GROUP |
| 30302-AVB | NEW AVANOS | |
| 30302-ANT | NEW ANTRASİT | |
| 30302-HM | HAVUZ MAVİ | |
| 30302-KRM | NEW KİREMİT / COTTO | |
| 30302-SK | NEW SÜTLÜ KAHVE | |
| | | 3. GROUP |
| 30302-SY | NEW SİYAH | |


# Fine Repair Mortar
1-5 mm.

**Product Description**
Cement-based, polymer-added, high-performance, fine repair and leveling mortar for exposed concrete.

**Areas of Use**
— It is used as a concrete repair and leveling mortar on the interior and exterior facades, walls and ceilings of all structures.
— It is also used as repair plaster on surfaces before granite and ceramic application.

**Application Surfaces**
Indoor and outdoor;
— Cement based plasters,
— Gross concrete,
— Consult for all other application surfaces.

**Advantages**
— It has high resistance against water, frost and bad weather conditions.
— It increases adherence on concrete and plastered surfaces.
— It offers smooth and easy application in large areas.
— It allows convenient use on vertical surfaces.

**Preparation of the Surface**
— The surface must be clean, firm and moist, absolutely free of mold oils.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

**Preparation of Mortar**
— 25 An average of 5.5-6.5 lt of clean water should be added to the kg bag of Newkim Thin Repair Mortar.
— The mortar should be mixed with a trowel or a low-speed hand mixer until it becomes homogeneous.
— The mixture should be left for 5 minutes before the application and should be mixed and applied again.
— Newkim Thin Repair Mortar should be applied with the help of a steel trowel to the whole surface in equal thickness.

**Application Details**
— Water should not be added to the hardening mortar.
— If more than one layer is to be applied, 6 hours between layers should be waited and the surface should be moistened before the application of the next layer.
— The total thickness should not exceed 10 mm. Surface smoothness should be provided by plastic trowel or damp sponge.
— After application, the surface should be moistened for 2-3 days.

**Application Requirements**

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

**Application Tools**

Hand mixer, steel trowel, polishing trowel, steel wire brush.

**Warnings and Recommendations**

— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— Previously prepared slightly hardened materials should not be included in the new mixture.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | White, and Grey Powder |
| Time To Use | 2 hours |
| Water Mixture Ratio | 5.5-6.5 lt. water / 25 kg. Powder |
| Layer Thickness to be Applied (at once) | Maximum 5 mm |
| Application Thickness | 1-10 mm. |
| Waiting Between Layers | min. 6 hours |
| Compressive Strength | >15 N/mm² (28 days later) |
| Bending Strength | >3 N/mm² (28 days later) |
| Adhesion Strength | >1 N/mm² (28 days later) |


# Thick Repair Mortar
## 5 mm and Plus

**Product Description**
It is a cement-based, polymer-added thick repair mortar used for plastering, crack and hole repairs in interior and exterior spaces, and for plastering plaster and concrete surfaces for leveling purposes.

**Areas of Use**
— It is used as a concrete repair mortar on the interior and exterior facades, walls and ceilings of all structures.
— It is used as repair plaster on surfaces before granite and ceramic application.

**Application Surfaces**
Indoor and outdoor surface;
— Cement based plasters,
— Gross concrete,
— Consult for all other application surfaces.

**Advantages**
— It provides excellent adherence on concrete and plastered surfaces.
— It provides application opportunity on large surfaces with its easily gaugable structure.
— It is not affected by water and has excellent resistance to climate conditions.
— It provides vertical and horizontal repair of concrete building elements.

**Preparation of the Surface**
— The surface must be clean, firm and moist, absolutely free of mold oils.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

**Preparation of Mortar**
— An average of 5.5-6.5 lt of clean water should be added to the 25 kg bag of Newkim Thick Repair Mortar.
— The mortar should be mixed until it becomes homogeneous with the help of a trowel or a low-speed hand mixer.
— The mixture should be kept for 5 minutes before the application and should be mixed again and started to be applied.
— Newkim Thick Repair Mortar should be applied with the help of a steel trowel to the whole surface in equal thickness.

**Application Details**
— Water should not be added to the hardening mortar.
— If more than one layer is to be applied, 6 hours between layers should be waited and the surface should be moistened before the application of the next layer.
— The total thickness should not exceed 20 mm.
— Surface smoothness should be provided by plastic trowel or damp sponge.
— After application, the surface should be moistened for 2-3 days.

**APPLICATION REQUIREMENTS**

— Make sure that the surface and ambient temperature are between +5°C and +35°C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

**APPLICATION TOOLS**

Hand mixer, steel trowel, polishing trowel, steel wire brush.

**WARNINGS AND RECOMMENDATIONS**

— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— Previously prepared slightly hardened materials should not be included in the new mixture.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | White, and Grey Powder |
| Time To Use | 2 hours |
| Water Mixture Ratio | 5.5-6.5 lt. water / 25 kg. |
| Layer Thickness to be Applied (at once) | Powder Min. 5 mm |
| Application Thickness | 5-20 mm. |
| Waiting Between | min. 6 hours |
| Layers Compressive Strength | >15 N/mm² (28 days later) |
| Bending Strength | >3 N/mm² (28 days later) |
| Adhesion Strength | >1 N/mm² (28 days later) |


# Ready Screed

**Product Description**
It is a cement-based, high-grade, high-pressure ground mortar produced with granulometric sand, applied by hand and pumped by machine.

**Areas of Use**
— In the interior floors of all buildings subject to medium and heavy pedestrian traffic,
— It is used in places where it is desired to create a suitable floor before finishing coat, ceramic, parquet laminant, pvc.

**Advantages**
— It is ready for use.
— It saves time and labor.
— It allows application by hand and screed machine.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface must be cleaned from dust by sweeping.
— Regional defects should be repaired with Newkim Repair Mortar.

**Preparation of Mortar**
— 25 kg Newkim Ready Screed should be added to 5-6 liters of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

**Application Details**
— It is laid on the surface of 2-5 cm thick and gauged by hand using a screed machine.
— Applied manually or pumped with machinery, When the surface is set, correction is made by with high compressive strength.
— One hour before the application, the floor should be wetted and if the floor to be treated has a water absorbent feature, it should be moistened and applied.
— On old concrete surfaces, the surface should be primed with Newkim floor lining.
— Newkim Ready screed should be applied in 2 - 5 cm thickness.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— 24 It should not be applied on surfaces that are in danger of frost within 24 hours.

**Application Tools**

Spreading equipment, trowel, gauge tool

**WARNINGS AND RECOMMENDATIONS**

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again. Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used). Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray colored rough |
| Powder Density | 1.6 g/ml (± 0.1) |
| Application Temperature | +5°C with +35°C between |
| Grain Size Distribution | 0 - 3 mm |
| Bending Strength | > 2 N/mm² (28 days) |
| Compressive Strength | > 10 N/mm² (28 days) |
| Opening to Pedestrian Traffic | 24 hours 20°C |


***Consumption***
*15-17 kg /m²*
*(For 1 cm thickness)*


***Packaging***
*25 kg kraft bag*


***Shelf Life***
*1 year from the date of production in drought and dry environments*


***Color***
*Gray*


# Light Screed

**Product Description**

Cement-based, high-quality granulometric sand, applied manually and pumped by machine, does not give too much weight to the structure, has high compressive strength.

**Areas of Use**

— In the interior floors of all buildings subject to medium and heavy pedestrian traffic
— It is used in places where it is desired to create a suitable floor before finishing coat, ceramic, parquet laminate, pvc.

**Advantages**

— It is ready for use.
— It saves time and labor.
— It allows application by hand and screed machine.

**Preparation of the Surface**

— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface must be cleaned from dust by sweeping.
— Regional defects should be repaired with Newkim Repair Mortar.

**Preparation of Mortar**

— 25 kg of Newkim Light Screed should be added to an average of 5.5-6.5 liters of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

**Application Details**

— It is laid on the surface of 2-5 cm thick and gauged by hand using a screed machine. When the surface is set, correction is made by mechanical finishing.
— The floor should be wet 1 day before the application.
— If the floor has a water absorbent feature, application should be done by moistening it. On old concrete surfaces, the surface should be primed with Newkim floor lining.
— Newkim Light screed should be applied in 2 - 5 cm thickness.

**Application Requirements**

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Spreading equipment, trowel, gauge tool

**Warnings and Recommendations**

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray colored rough powder |
| Powder Density | 1.35 g / ml (±0.1) |
| Application Temperature | +5°C with +35°C between |
| Grain Size Distribution | 0 - 3 mm |
| Bending Strength | > 1 N/mm² (28 days) |
| Compressive Strength | > 7 N/mm² (28 days) |
| Opening to Pedestrian Traffic (At 20°C) | minimum 24 hours |

***Consumption***
*12-15 kg / m² for 1 cm thickness*

***Packaging***
*20 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Gray*


# Anchor Fixing and Fluid Grout Mortar

**Product Description**
It is a cement-based, self-leveling Anchorage and Fixing and Fluid Grout mortar used for fixing machines.

**Areas of Use**
— Anchoring of machine feet,
— In repairs requiring early and high strength, In high bearing capacities and bearing elements of the carrier,
— In fixing traffic lights, signs and road poles, bridge parapets and safety anchors in road and bridge connections, placing sewer and channel plates,
— Filling the connection and bearing circles,
— It uses in the construction of steel structures, where concrete and steel converge,
— Repairing concrete floors exposed to vehicle and pedestrian traffic,
— For raising manhole and manhole covers,
— It is applied in the fixing of curbside and paving stones.

**Application Surfaces**
**Indoor and outdoor floors;**
— Cement based screed,
— Concrete flooring, Prefabricated concrete,
— Consult us for other application surfaces.

**Advantages**
— It shows high adherence and durability shortly after application.
— It is highly fluid and does not self-set and shrink.
— It provides resistance against abrasion and impacts on concrete surfaces.
— It reaches high pressure and bending strength values in a short time.

**Preparation of the Surface**
— The floor surface to be applied must be clean and free from dirt, dust and weak particles.
— The mold to be applied must be fixed, sealed and cleaned very well.
— If the application is to be done on old concrete, the surface must be moistened before application.
— Small puddles should be avoided. Enough material should be prepared to be used considering the working time.

**Preparation of Mortar**
— 25 kg Newkim Anchor Fixing and Fluid Grout Mortar should be poured into the container with an average of 4,5-5 liters of clean water slowly and mixed for about 1-3 minutes with a low speed hand mixer until it reaches a homogenous consistency. Water should not be added to the hardening mortar.
— The grout in the fluid structure must be poured continuously from one side of the mold that is already prepared.
— Air compression in the mixture should be avoided.
— To ensure that all gaps in the mold are filled, placement must be done using a steel wire with a hooked end.

**Application Details**

— Wide surfaces open to external weather conditions should be protected from sunlight and wind by covering them with a cloth for 48 hours.
— Enough material should be prepared to be used considering the working time.
— The vibrator should not be used. The specified periods are valid at 20 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— After application, the surface should be moistened for 2-3 days.

**Application Requirements**

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

**Application Tools**

Hand mixer, iron trowel.

**Warnings & Suggestions**

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— It cannot be applied on wood coatings, metal coatings and moisture-exposed surfaces.
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement-based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Fine Grey Powder |
| Powder Density | 1.6 g/ml (±0.1) |
| Water Mixture Ratio | 4,5-5 lt. water / 25 kg. |
| Pot Life | Powder maximum 15 minutes |
| Time to Use | Min. 6 hours later |
| Application Time (Pot Life) | 10-15 min. |
| Application Thickness | Min. 5 mm |
| Waiting Time Between Coats | 1 hour |
| Full Curing Time | 28 days (+20°C) |
| Wet Unit Weight Adhesion | 2000 ± 100 Kg./m³ |
| Strength Compressive | > 1,4 N/mm² (28 days) |
| Strength Bending Strength | > 40 N/mm² (28 days) |
| Flexural Strength | > 10 N/mm² (28 days) |

***Consumption***
*17.5 kg / m² for 1 cm*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*8 months from the date of production in drought and dry*

***Color***
*Gray*


# Fast Setting Fluid Grout Mortar

**Product Description**
It is a cement based, fast setting, high fluidity, resistant to climatic conditions, non-shrinking, waterproof fluid grout mortar.

**Areas of Use**
— Concrete surfaces where quick results are required,
— In repairs, foundations in beam column cracks,
— Retaining walls, step edges, PVC assembly, door assembly, manhole covers, balcony fractures,
— Repair of runways and platforms,
— Repair of concrete floors exposed to traffic and vehicles,
— It is used in the repair of curbs and paving stones.

**Application Surfaces**
**Indoor and outdoor floors;**
— Cement based screed,
— Concrete flooring,
— Prefabricated concrete.
— Consult us for other application surfaces.

**Advantages**
— It provides high adherence and durability shortly after application.
— It is highly fluid and does not self-settle and shrink.
— Setting up in 5 minutes and you can open it to traffic after 30 minutes.

**Preparation of the Surface**
— The floor surface to be applied must be clean and free from dirt, dust and weak particles.
— The mold to be applied must be fixed, sealed and cleaned very well.
— If the application is to be done on old concrete, the surface must be moistened before application.
— Small puddles should be avoided. Since the material will be set fast, enough material must be prepared to be applied.

**Preparation of Mortar**
— 25 kg of Fast Setting Fluid Grout Mortar about 4.5 lt of clean water should be added.
— Mixture water should be in the range of 20-25°C.
— Newkim Fast Setting Fluid Grout Mortar should be mixed with a low speed hand mixer for about 1-2 minutes until it reaches a homogenous consistency.
— Extra water should not be added to the hardening mortar.
— It should be taken into consideration that the setting time will be reduced at high temperatures.
— Pre-prepared coarse Newkim Fluid Grout Mortar should be poured and used.

**Application Requirements**

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

**Application Tools**

— Hand mixer, Steel trowel, spatula

**Warnings and Recommendations**

— After application, tools should be cleaned with water while the material is in fresh condition.
— The packaged product should not be stored in humid environments.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Grey Granulated Powder |
| Powder Density | 1.6 g/ml (± 0.1) |
| Water Mixture Ratio | about 4.5 lt. water / 25 kg. Powder |
| Pot Life | Maximum 5 minutes |
| Time to Use | Min. 30 minutes |
| Application Thickness | Min. 5 mm |
| Adhesion Strength | 2 N/mm² (28 days later) |
| Pressure Strength | ≥ 15 N /mm² (1 hour later) |
| | ≥ 28 N /mm² (24 hours later) |
| | ≥ 45 N/mm² (7 days later) |
| | ≥ 60 N/mm² (28 days later) |
| Bending Resistance | ≥ 4,5 N/mm² (24 hours later) |
| | ≥ 7,5 N/mm² (2828 days later) |

***Consumption***
*17-18 kg / m² for 1 cm thickness*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*12 months from the date of production in drought and dry environments*

***Color***
*Gray*


# Self-Leveling Screed

**Product Description**
It is a cement-based, easy-to-apply, self-leveling leveling screed.

**Areas of Use**
It is used as a levelling screed before finishing on the interior floors of all buildings subject to heavy traffic.

**Application**
**Surfaces Indoors;**
— Cement-based screed,
— Concrete flooring,
— Prefabricated concrete.

**Advantages**
— Suitable for floors subject to heavy pedestrian traffic.
— It is suitable for leveling disorders between 1 and 5 mm.
— It shows perfect propagation.
— It doesn't crack and blister.
— It provides smooth surface.
— You can walk on it 2 hours after the application. (23°C)
— It can be applied by pump.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface should be dust-free by aspiration and/or sweeping.
— Regional defects should be repaired with Newkim Repair Mortars.
— The surface should be primed with Newkim SBR-404 Curing Fluid at least 30 minutes before the application of Newkim Leveling Screed.
— When the primer is not used, the surface should be cleaned with water for 30 minutes before application. It must be moistened first.

**Preparation of Mortar**
25 kg. An average of 5,5-6,5 lt of clean water
— should be added to Newkim Self-Leveling Leveling Screed.
The Newkim Self-Levelling Screed should be
— mixed for about 3 minutes with a low speed hand mixer until it reaches a homogenous consistency.
The prepared mortar should be emptied
— onto the ground and wiped to fill the roughness of its surface.
The Newkim Self-Levelling Screed spreads
— itself.
Indentations should be adjusted with a thick
— trowel.
The spreading material should be flattened
— with a porcupine roll if necessary.
If the mixer is applied with the pump, the
— width of the area should not exceed 6 meters in order not to disrupt the spread of the material together.
Wide area applications should be done every
— 10 m².

**Application Limit**
It is not applied on floors that are constantly
— wet or exposed to moisture.
It is not applied on non-durable and loose
— surfaces.
It is not applied in outdoor and industrial
— areas.
It is not applied on wooden floors. It is not
— left as a final coat.
It is not applied on tile or ceramic surfaces.
— It is not applied parquet or wooden surfaces,
— PVC and painted surfaces.

**Application Requirements**
The ambient temperature should be between +5 °C and +35 °C.

**Post-Application Options**
— Wood, laminated or laminate parquet, ceramic, carpet, PVC coatings can be applied on floors where Newkim Self-Leveling Leveling Screed is applied.
— Consult for other coating materials.

**Application Tools**
Steel trowel, hand mixer, porcupine roll.

**Warnings & Suggestions**
— Dilation joints, if any, should be respected.
— The profile should be used in accordance with the thickness of the final coat to be applied.
— Water rates must be respected.
— Foreign materials should not be added.
— Areas such as wall edges, front doors should be covered with profiles or tapes.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View Application | Grey Powder |
| Temperature | +5°C / +35°C |
| Self-Spreading Time of Mortar | Max. 15 minutes |
| Time Required to Open the Ground to Pedestrian TrafficSon | Min. 2 hours |
| Time to Wait For Final Coating; | |
| Parquet, PVC Coating | Min.24 hours (10 mm ) |
| Ceramic, Carpet Coating | Min.12 hours (10 mm ) |
| Application Thickness; | |
| Floors Exposed to Medium Density Pedestrian Traffic | 3-10 mm |
| Floors Exposed to High Density Pedestrian Traffic | 5-10 mm |
| Compressive Strength | 35 N/ mm² |
| Bending Strength Bond | 6 N/ mm² |
| Strength | ≥ 2 N/ mm² |

***Consumption***
*1,7 - 1,8 kg /m²*
*(For 1 mm thickness)*

***Packaging***
*25 kg. Kraft Bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Gray*


# Corundum Aggregated Surface Hardener

**Product Description**
It is an abrasion resistant surface hardening powder mortar consisting of special type cement, hard Corundum Aggregate, chemical additives, special coloring pigment and polymer additives, applied monolithically to fresh concrete surfaces

**Areas of Use**
— It is applied on fresh concrete surfaces that are not required to do dusting.
— On surfaces that require high mechanical wear resistance.

**Application Surfaces**
**On indoor and outdoor floors;**
— Warehouses,
— Workshops,
— Parking areas,
— Service stations,
— Industrial building floors,
— Supermarkets,
— Factories,
— Businesses,
— Housing.

**Advantages**
— Ability to obtain smooth, bright and homogeneous surfaces.
— Prevents wear against mechanical loads.
— Increases resistance against impacts.
— Delays surface dust.
— It allows easy application to the bearing concrete.
— 3 different color options are available.

**Preparation of the Surface**
— The carrier concrete of the area where Newkim Corundum Aggregated Surface Hardener will be applied must be at least C25 class.
— The surface of the fresh concrete to be applied should not be polished with a steel trowel or tray polish, it should be smoothed with a wooden trowel.

**Preparation of Mortar**
— It should be waited until it will be settled so that a 3mm deep footprint is left on the bearing concrete.
— According to plaster slip width and consumption amounts, Corundum Aggregated Surface Hardener bags should be lined on the edges of the plaster slip.
— 2/3 of the surface hardener to be used on the whole surface is distributed by sprinkling method.
— The material should not be left on the surface in piles. A homogeneous distribution should be provided as much as possible.
— In order not to decompose the aggregates in the product, sprinkling should not be done over long distances. This can be done by hand or with special sprinkling equipment.
— Sprinkled material and concrete should be expected to change color by drawing water.
— The surface of the concrete to be applied should be wet enough that the Corundum Aggregated Surface Hardener can absorb the moisture it needs.
— In cases where the concrete surface is more than necessary, Corundum Aggregated Surface Hardener will disappear in the fresh concrete and lose its effectiveness. If the surface is dry more than necessary, the product will not be able to get the hydration water it needs, so it will not reach the desired strengths.
— It is fed to the concrete with surface hardener disc burnishing, which is uniformly sprinkled and changes color by drawing water. The remaining 1/3 amount is sprinkled on the surface of fresh concrete and burnished with disc burnishing.
— After finishing, the blade finishing is started and the process continues until the desired gloss is achieved.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

**Application Tools**

— Spreading equipment, trowel tray, trowel blade, helicopter.

**Warnings and Recommendations**

— Curing material SBR-404 Curing Fluid should be applied in order not to lose the water of the surface quickly after the application.
— Water should not be thrown on the material during application.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray, red, green color |
| Powder Density | 1.65-1.75 kg / m³ |
| Impact Strength (LA) | 30-40% weight loss |
| Application Temperature | Between + 5 °C and + 35 °C |
| Wear Resistance | 8 cm3 / 50 cm² with Böhme method |
| Hardness | 8 Mohs. |
| Compressive Strength | > 80 N /mm² |
| Bending Resistance | > 9 N/mm² |

***Consumption***
*5-6 kg / m² for light and medium loads*
*7-8 kg / m² for medium and heavy loads*

***Packaging***
*25 kg kraft bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Gray*
*Red*
*Green*


# Quartz Aggregated Surface Hardener

**Product Description**
It is an abrasion resistant, surface hardening powder mortar consisting of special type cement, hard quartz aggregate, chemical additives, special coloring pigment and polymer additives, applied monolithically to fresh concrete surfaces.

**Areas of Use**
It is applied indoors and outdoors where wear resistance is required on the surface under heavy traffic loads.

**Application Surfaces**
**On indoor and outdoor floors;**
— Warehouses,
— Workshops,
— Parking areas,
— Service stations,
— Car wash areas,
— Supermarkets,
— Workplaces,
— Gas stations, Airplane hangars.

**Advantages**
— Ability to obtain smooth, bright and homogeneous surfaces.
— Prevents wear against mechanical loads.
— Increases resistance against impacts.
— Delays surface dust.
— It allows easy application to the bearing concrete.
— 3 different color options are available

**Preparation of the Surface**
— The carrier concrete of the area where Newkim Quartz Aggregated Surface Hardener will be applied must be at least C25 class.
— The surface of the fresh concrete to be applied should not be polished with a steel trowel or tray polish, it should be smoothed with a wooden trowel.

**Preparation of Mortar**
— It should be waited until it will be settled so that a 3mm deep footprint is left on the bearing concrete.
— According to plaster slip width and consumption amounts, Quartz Aggregated.
— Surface Hardener bags should be lined on the edges of the plaster slip.
— 2/3 of the surface hardener to be used on the whole surface is distributed by sprinkling method. The material should not be left on the surface in piles. A homogeneous distribution should be provided as much as possible.
— In addition, in order not to decompose the aggregates in the product, sprinkling should not be done over long distances. This can be done by hand or with special sprinkling equipment.
— Sprinkled material and concrete should be expected to change color by drawing water.
— The surface of the concrete to be applied should be wet enough that the Quartz Aggregated Surface Hardener can absorb the moisture it needs.
— In cases where the concrete surface is more than necessary, Quartz Aggregated Surface Hardener will disappear in the fresh concrete and lose its effectiveness. If the surface is dry more than necessary, the product will not be able to get the hydration water it needs, so it will not reach the desired strengths.
— It is fed to the concrete with surface hardener disc burnishing, which is uniformly sprinkled and changes color by drawing water. The remaining 1/3 amount is sprinkled on the surface of fresh concrete and burnished with disc burnishing.
— After finishing, the blade finishing is started and the process continues until the desired gloss is achieved.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

**Application Tools**

Spreading equipment, trowel tray, trowel blade, helicopter.

**Warnings and Recommendations**

— Curing material SBR-404 Curing Fluid should be applied in order not to lose the water of the surface quickly after the application.
— Water should not be thrown on the material during application.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray, red, green color |
| Powder Density | 1.65-1.75 kg / m³ |
| Impact Strength (LA) | 30-40% weight loss |
| Application Temperature | Between + 5 °C and + 35 °C |
| Wear Resistance | 7 cm3 / 50 cm² with Böhme method |
| Hardness | 7 Mohs. |
| Compressive Strength | > 65 N /mm² |
| Bending Resistance | > 8 N/mm² |

***Consumption***
*3-5 kg / m² depending on the surface*

***Packaging***
*25 kg kraft bag*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Gray*
*Red*
*Green*


# Acrylic Based Surface Smoothing Paste

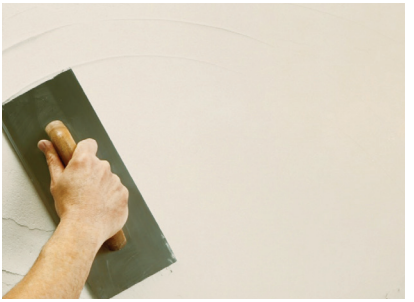
**Product Description**
It is an acrylic-based, flexible, ready-to-use surface smoothing paste used for smoothing rough surfaces on interior and exterior surfaces.

**Areas of Use**
It is used for smoothing plaster surfaces on interior and especially exterior surfaces of all buildings, repairing pore, pit or capillary shrinkage cracks on the surfaces.

**Application Surfaces**
**Interior and exterior facades;**
— Cement-based plastered surfaces.
— Please consult for all other application surfaces.

**Advantages**
— It creates a very solid, dust-free and smooth surface.
— It is resistant to moisture.
— It does not prevent the walls from breathing.
— It reduces paint consumption because it has low absorbency.
— It is very easy to apply.
— The filling power is very high, making the surface smooth on up to 2 layers.
— It does not dust much during sanding.
— It does not smell as it does not contain solvent, it does not harm human and environmental health.

**Preparation of the Surface**
— Before application, the surface should be free of dust, dirt and oil.
— The blistering parts should be scraped well, and the surface should be dry.



**Application Details**
— Prior to application, the Newkim Surface Correction Paste should be thoroughly mixed.
— Newkim Surface Correction Paste should be applied in one or two layers, with a spatula or flexible steel trowel, depending on the roughness of the surface.
— 12 hours after the application of the paste, surface defects, spatula marks, should be removed with sandpaper to make the surface smooth.

**Thinning**
It is ready for use.

**Application Requirements**

— The temperature of the environment and the surface to be treated should be minimum + 5 °C during the application and for the following 24 hours and the surface should not receive precipitation.
— Extremely hot surfaces should be moistened before application.

**Application Tools**

Spatula, flexible steel trowel, sandpaper

**Warnings & Suggestions**

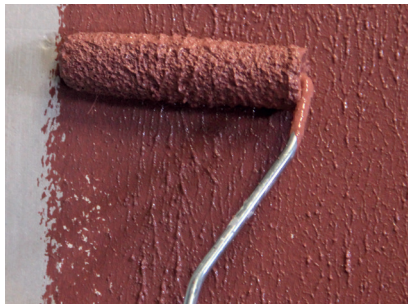
Application tools should be washed with water immediately after use.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | Dirty Yellow |
| Structure | Acrylic emulsion based |
| Application Temperature | +5°C / +35°C |
| Full Drying | 24 hours |
| Sanding Time | Min. 12 hours |
| Paintable Time | Min. 24 hours. |


# Exposed Concrete Primer



**Product Description**
It is a polymer modified resin-based concrete primer used to increase surface adherence before cement-based plaster applications on exposed concrete.

**Areas of Use**
It is applied before cement-based plaster application on exposed concrete walls, columns and ceilings.

**Advantages**
It increases adhesion of cement-based plaster mortars to gross concrete surfaces, preventing rapid water loss of these plasters.

**Preparation of the Surface**
— Before application, any oil, grease, rust and paraffin residues that will weaken adherence should be removed from the surface and there should be no loose particles on the surface.
— It is not strictly applied on wet or moist surfaces.
— No application is made to the painted surface.

**Application Details**
— During the application, Newkim Gross Concrete Primer must be mixed periodically. At least 24 hours after the application of
— Newkim Gross Concrete Primer, plaster should be applied.
— The product should be mixed periodically during application.
Primer application should be made with roll.

**Thinning**
It is recommended to be thinned with clean water at a maximum of 5-10% in roller applications.
— Adding more than % 10 percent water causes the product to spill and collapse.

**Application Limit**
— No application is made to the painted surface.
— Cement-based plaster must be made before applying gypsum plaster to the surface primed with gross concrete primer.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Drying time must be observed.

**Application Tools**

Exterior Roll

**Warnings & Suggestions**

— Hands and application tools should be washed with plenty of water after application.
— It can cause sensitivity in contact with skin.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.
— In its unopened packaging, it can be stored for 1 year in a cool and dry place, protected from frost, direct sunlight.
— Close the lid of the package immediately after use so it does not allow air.
— The ambient and applied concrete temperature should be between +5°C and 35°C.
— The diluted product should be used immediately.
— The specified water rate should not be exceeded.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Density | 1.49 ± 0.05 g / ml |
| Drying Time | 24 hours |
| Application Temperature | +5°C / +35°C |

***Consumption***
*Average consumption is 250 gr. / m².*

***Packaging***
*12 kg. PE*
*7,5 kg. PE*
*5 kg. PE*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***


# Super Plaster Primer

**Product Description**

It is an acrylic-based, transparent gypsum surface primer that reduces the high absorbency of gypsum surfaces and thus provides a definitive solution to the problems experienced in the painting process.

**Advantages**

— It decreases the absorbency on the plaster surface and can be applied easily.
— The final layer to be applied ensures that the paint holds well on the surface.
— Reducing the absorbency of the surface reduces the consumption of the final layer of paint.
— It penetrates the surfaces with its strong binding properties.

**Preparation of the Surface**

— The surfaces to be applied should be dry, clean and capable of carrying themselves.
— After sanding on plaster and similar surfaces, super gypsum primer should be applied after removing the dust with a damp cloth / damp tool wash brush-brush cleaner.

**Application Details**

— It can be applied to the surface by brush or roller without thinning.
— It is very important that the application is made in a very thin layer, that it does not overlap in the cut sections and that it does not create film on the surface.
— Otherwise, the adhesion weaknesses and cracks are seen in the topcoat paint.
Paint should be applied at least 6 hours after
— Newkim Super Plaster Primer application.
It should be applied without brushing / polishing with a brush or roller.

**Limitations**

— Transparent plaster surface primer Satin gypsum is used for the paintundercoating of surfaces that will be painted for the first time, such as gypsum board, and very absorbent and dusting character surfaces.
— It should be applied so as not to form a film layer on the surface.
— It should never be applied with the Airless method.

**Application Requirements**

— It is applied in one layer.
— The ambient temperature should be between +5 °C and +35 °C.
— The surface should be protected from frost during primer application and drying periods.

**Application Tools**

Brush, roller

**Warnings & Suggestions**

— After the working, equipments need to wash with water.
— In its unopened packaging, it can be stored for 1 year in a cool and dry place, protected from frost, direct sunlight.
— Close the lid of the package immediately after use so it does not allow air.
— It is irritating.
— It can cause sensitivity in contact with skin.
— Shake before use.

**Technical Data**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Color Structure | White |
| Application | Acrylic emulsion |
| Application Time | +5°C / +35°C |
| TouchTime | 3 hours |
| Drying Time | min. 6 hours |

***Consumption***
*8-10 m² with 1 lt in a single coat*

***Packaging***
*5 - 20 lt.*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White*


Newsera
# Ceramic Top Ceramic Adhesive Primer

**Product Description**
It is a one-component, acrylic emulsion-based ceramic-on-ceramic bonding primer with high adhesion strength, applied on ceramics before ceramic coating to increase adherence and balance the absorbency of the surface.

**Areas of Use**
— Interior and exterior wall;
— All kinds of ceramic coating,
Indoor and outdoor floors;
— All kinds of ceramic coating
— hard vinyl flooring
— Wood
— Consult us for all other application surfaces.

**Advantages**
— It provides adhesion strength by forming a rough surface for bonding ceramics on smooth and shiny surfaces.
— It is not affected by highly alkaline environments.
— Solvent free, It's odorless.
— It does not harm human and environmental health.

**Preparation of the Surface**
— The surface should be clean, dry, smooth and firm.
— Plaster, paint, glue, oil, cement residues on the surface should be completely cleaned.
— The surface should be washed with water and left to dry.
— Varnish, wax and similar residues found on wood and hardwood surfaces should be cleaned by scraping and even by making a cystre.

**Application Details**
— It is applied by roll.
— It is mixed until it becomes homogeneous without thinning.

**Thinning**
It is ready for use.

**Application Limit**
— Plaster and plaster mortar are not used on the adhesive lining.
— It can be used only with Tiles and Granite Adhesive Mortars.
— Do not use for plastering or repair mortar.
— Wait at least 24 hours to switch to ceramic tile application.
— It is not suitable for use for leveling screed on tiles.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Stir before application.
— Application in very humid and / or very hot weather should be avoided.
— The surface should be completely dry.
— No application should be made before drying.
— To protect the surface adherence of Newkim Ceramic over ceramic adhesive primer, care should be taken not to get dirty during application.

**Application Tools**

Roll

**Warnings & Suggestions**

— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.
— Up to three packages should be placed on top of each other so that they are not exposed to direct sunlight.
— Skin contact should be avoided and gloves should be used during application.

**Technical**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Information View | Light blue |
| Application | +5°C / +35°C |
| Temperature Structure | Acrylic copolymer |
| Density | About 1.60 gr/cm3 (±0.1) |
| Post-Application Standby Time | 24 hours |



# NEWLATEX /Adherence Enhancer and Waterproofing Mortar Additive

**Product Description**

It is a liquid acrylic emulsion to be added to cement mortars where strong adhesion and waterproofing are required.
It is an additive that provides adherence and waterproofing of mortar, plaster and screeds.

**Areas of Use**

— Thin layer repair mortars,
— Abrasion resistant coatings,
— Plasters,
— Floor screeds,
— Concrete repair mortars,
— Ceramic bonding mortars,
— Interior and exterior plasters of reinforced concrete silos, water tanks, pools, treatment plants,
— Natural stone, brick, tile plate cement/sand mixtures in outdoor areas, to increase the freezing - dissolution resistance of mortars used in flooring,
— Consult us for all other application surfaces.

**Advantages**

— It provides excellent adhesion.
— It reduces shrinkage.
— It increases elasticity.
— It provides excellent water impermeability.
— It improves chemical strength.
— It is not corrosive; it does not damage the equipment.
— It provides high wear resistance.
— It provides crack-free durability.

**Preparation of the Surface**

— Its surfaces should be clean, free from oil and grease, cement grout, weak and loose particles should be removed from the surface.
— Absorbent surfaces should be soaked thoroughly before application

**Application Details**

— 1 part fresh cement and 2 parts sand are mixed. Newlatex is added to this mixture and mixed until it reaches the consistency of sherbet. The adherence enhancer is applied to the surface with a bristle brush. New mortar should be applied on this layer before it dries.
— Newlatex should not be applied to the surface in its pure form.

**As An Adherence Enhancer;**

— 1 part fresh cement and 2 parts sand are mixed. Newlatex is added to this mixture and mixed until it reaches the consistency of sherbet.

**As Mortar Additive;**

— Newlatex is used for 10 to 20% of the amount of cement to be used.
— Newlatex should be diluted with clean mixture water and added to the mortar and the mixture should be prepared with this mixture.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— It should definitely not be used alone. Protect the newly applied mortar from frost effect.
— To prevent excessive air entrainment into the mortar, do not mix it more than necessary.
— Be especially careful not to use Newlatex alone or as an adhesive layer in the diluted form and always to add cement and sand.

**Warnings & Suggestions**

— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge. It can vary depending on application conditions and surface characteristics.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | White Color Liquid |
| Application Temperature | +5°C / +35°C |
| Density | 1,02 gr/cm³ |

***Consumption***
*As adherence enhancer: 250 grams / m²*
*As mortar and concrete additive: It is used as 10% to 20% of the cement.*

***Packaging***
*5-20-30 kg. PE Bucket*

***Shelf Life***
*2 years from the date of production in drought and dry environments*

***Color***
*White*


SBR-413

# Solvent-Based Resin Based Surface Hardening Curign Liquid

**Product Description**

It provides optimum strength by keeping the water within the concrete with the film layer it forms on the surface applied on the solvent-based, freshly poured concrete.

**Areas of Use**

— It is applied in all kinds of field concrete, channel and flume concretes and all surface hardener applications.
— It is used in industrial areas such as factories, material stores, workshops, shopping malls with heavy traffic, fairgrounds, metro stations, pavement and pedestrian roads, garage, parking lot, loading and unloading areas, gas stations.
— It should be used especially in any weather conditions where evaporation is high.
— The water in the fresh concrete slows down the evaporation rate and enables it to reach high strengths.
— It prevents shrinkage cracks and surface dust.

**Preparation of the Surface**

In order not to damage the surface, the concrete must have sufficiently set.

**Application Details**

— It is applied directly to fresh concrete or surface hardeners applied to fresh concrete by brush or roller.
— The surface should be protected against factors such as snow and rain for 2 - 3 hours immediately after the applications made in outdoor areas.
— At the end of this period, the curing material is not affected by external factors.
— Air circulation must be provided during application.
— After the removal of the moulds in the molded application, from the formation of the joint
— In the molded application, after removing the molds, before the formation of the joint, it should be applied on the fresh concrete as soon as the surface starts to lose its gloss (when the surface of the water starts to evaporate) by spraying or roller without any accumulation on the surface.
— A soft short-bristle brush can be used on the wall and a soft brush or roller on the floor.
— The product is applied to the surface as a thin layer of equal thickness.
— After application, the surface has a semi-matte appearance.

**Application Limit**

— It is not applied to wet surfaces.
— It is not applied to non-porous, non-absorbent and glazed surfaces.
— Air circulation must be provided during application.

**Thinning**

The material is definitely not thinned.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C during application.
— It should not be applied on surfaces that are in danger of frost within 24 hours.
— The drying time of the material is approximately 40 minutes.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— It should not be applied under direct sun or strong wind.

**Application Tools**

Brush, Roller.

**Warnings & Suggestions**

— It contains solvent, it is flammable.
— Skin and eye contact should be avoided. Gloves must be used during storage and application.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Transparent amber colored liquid |
| After Application | Semi-matte smooth, transparent film |
| Liquid Density | 0.80 kg / lt. |
| Application Temperature | +5°C / +35°C |
| Drying Time | 40 minutes |
| Flash Point | +80°C |


SBR-404

# Water-Based Resin Based Surface Hardening Curing Liquid

**Product Description**

It provides optimum strength increase by keeping the water within the concrete with the film layer it forms, which is applied on the synthetic resin-based, freshly poured concrete.

**Areas of Use**

— It is applied for curing of concrete on fresh poured concrete and all surface hardening applications.
— All kinds of engineering structures such as highway, dam, subway, tunnel, bridge,
— Parking lots, garages, material stores, factories, shopping centers where human traffic is heavy,
— It is used in places such as industrial structures, aircraft hangars, apron fields, helipads.
— It is useful on wide and open concrete surfaces.

**Preparation of the Surface**

— The application on horizontal surfaces should be done immediately after the sweating water disappears on the surface and the desired surface correction processes are completed. (Wait between 0.5 and 2 hours depending on the temperature).
— It should be applied after taking mold on vertical surfaces.

**Advantages**

— Reduces dusting on the surface.
— Minimizes shrinkage.
— It helps the concrete reach its target strength.
— It reduces cracks caused by plastic shrinkage.
— It eases the burden of expensive and highly crafted methods such as coating, sack and watering.

**Application Details**

— SBR 404 is ready for use; there fore it should not be diluted with water.
— Shake well before use.
— It can be applied with an automatic spraying system if it is to be applied consecutively to large surfaces or to a number of concrete elements.
— Protect the applied area from rain for at least 12 hours or until it is completely dry.

**Application Limit**

SBR-404 should not be covered with other surface coating or protection materials.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C during application.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The drying time of the material is approximately 12 hours.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— It should not be applied under direct sun or strong wind.

**Application Tools**

Brush or Roll

**Warnings & Suggestions**

— Clean the tools and application equipment with hot water immediately after use.
— If the material is hardened, solvent can be used.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | White Liquid |
| Chemical Structure | Water-based, white colour |
| Density | 1.03+0.02 kg / lt. |
| Application Temperature | +5°C / +35°C |

***Consumption***
*Consumption depends on wind, humidity and temperature. 150-200 gr / m²*

***Packaging***
*30 lt. Bucket*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*White Liquid*


# Mold Oil
## Wood / Steel and Plywood

**Product Description**
It is an acrylic emulsion based, colorless, non-saponifiable, water-repellent and ready-to-use high adherence primer with very good binding properties, used for fixing dusty and highly absorbent floors.

**Areas of Use**
— Absorbent mold surfaces, especially wooden molds.
— Steel, plastic, ply-wood molds,
— Applications to increase mold efficiency,
— Situations in which mold workmanship is desired to be accelerated.

**Advantages**
— Its application is easy.
— It allows the mold to be separated from the concrete clean and easily.
— It provides smoother and good-looking concrete surfaces.
— It decreases the dirt on the concrete surfaces and does not spoil the appearance.
— It reduces mold cost and workmanship.

**Application Requirements**
The ambient temperature should be between +5 °C and +35 °C.

**Application Tools**
Brush, roller

**Warnings & Suggestions**
— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Aspect | Liquid |
| Density | 0.86±0.02 kg/l (at 20°C) |
| Viscosity | 29-36 cp |
| Freezing Point | < -10°C (without adding water) |

***Consumption***
*Variable*

***Packaging***
*30 Lt. PE Bucket*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Clear yellow, liquid*


SBR-406
# Liquid Primer for Screed Applications

**Product Description**
It is an acrylic emulsion based, colorless, non-saponifiable, water-repellent and ready-to-use high adherence primer with very good binding properties, used for fixing dusty and highly absorbent floors.

**Areas of Use**
It is used to increase the adherence and to ensure water and moisture impermeability, especially on the floors with high absorbency, under floor leveling screeds, before new concrete is laid.

**Preparation of the Surface**
The application surface should be cleaned from anti-stick materials such as dust, oil, paint, silicone, curing material, detergent.

**Advantages**
— Reduces dusting on the surface.
— Minimizes shrinkage.
— Increases frost resistance.

**Application Details**
— Newkim SBR-406 is poured on the floor without thinning and applied in a single coat by spreading it on the floor with a brush.
— It may be necessary to apply two layers on very absorbent surfaces.
— Prior to leveling screed application, the primer should be expected to harden.
— Significantly reduces the absorbency of the surface to which it is applied.

**Application Requirements**

— Drying time is prolonged in humid weather conditions.
— The specified periods are valid at 20 °C surface and ambient temperature.
— Time increases at low temperature; time decreases at high temperature.

**Application Tools**

Brush

**Warnings & Suggestions**

— Skin and eye contact should be avoided.
— Gloves must be used during storage and application.
— Protect from frost.
— Protect from heat and sunlight. Keep cool
— and dry in well-sealed containers.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White Liquid |
| Density | 1.1 kg / lt. |
| Application Temperature | +5°C / +35°C |
| Full Hardening | 6-8 hours |
| Drying Time | 1-3 hours |


# Non-Stop Solution

**Product Description**
It is produced as a transparent solution that provides non-slip properties on shiny and slippery ceramic-tile surfaces and increases the friction coefficient of the surface.

**Advantages**
— It provides anti-slip effect by penetrating into the floor without changing the appearance of the tiles and ceramics on which it is applied.
— It shows anti-slip performance in both wet and dry conditions.

**Areas of Use**
— It has a wide range of applications, including floors with low friction coefficient, ceramic and tiled floors, poolsides, kitchens, dining halls, bathrooms, balconies, terraces and stair steps, in accordance with occupational safety rules.
— Can be used indoors and outdoors.

**Application**
— The ceramic and tile floor on which the application will be applied should be cleaned of dust and dirt, washed and rinsed with plenty of water.
— After obtaining a dry surface after cleaning, the anti-slip solution should be poured onto the surface and rubbed thoroughly on the surface with circular movements with a brush.
— During the application, if the floor is checked and it is determined that the desired anti-slip level is reached, the solution should be rinsed from the surface by pouring plenty of water and the application should be terminated.

**Application Time**
— Depending on the thickness of the transparent glaze on the surface of the ceramic, it varies between 5 minutes and 45 minutes. After the process is completed, it must be rinsed with plenty of water.

**ATTENTION!**
There is a risk of color deformation in dark colored ceramics. For this reason, application should not be made on dark colored ceramics.
It should not remain on the surface for more than 60 minutes.
It should be rinsed with plenty of water.
Do not let the product come into contact with your skin during application.
Use protective gloves and glasses.
Do not breathe the vapor.

**Consumption**
100-150 gr/$m^2$

**Colour**
Transparent

**Storage Conditions**
Store in a dry and cool environment, in its original packaging, unopened.

**Packaging**
1 lt, 5 lt and 10 lt PE Jerrycan

**Shelf Life**
2 years.


# Tile Paint

**Product Description**
Tiles-ceramic, marble, granite, natural stone, concrete etc. It is a UV resistant, chemical and physical resistant, colored coating that can be easily applied on the coating.

**Product Advantages**
After drying, it forms a hard-elastic and seamless layer.
Tiles-ceramics, marble, granite, natural stone, etc. without incurring large expenses. provides renewal.

**Areas of Use**
— Decoratively; It can be applied to bathroom, kitchen, balcony, terrace ceramics, all kinds of tiles, marble, granite, porcelain, glass mosaic, concrete, and wooden surfaces such as kitchen cabinets and doors.

**Product Feature**
— It does not contain solvents.
— Provides strong adhesion to difficult floors such as tiles.
— The final coat appearance is glossy.
— Decoratively, ready-made shapes such as Stencil can be used with templates.
— It has high resistance to water and steam in wet areas such as bathrooms, balconies, terraces and kitchens.
— It is resistant to water and cleaning chemicals.
— Since its surface is shiny and patternless, it can be easily cleaned.
— It can be applied directly without primer.
— Application after Newkim anti-slip solution is recommended.
— It is UV resistant and is not affected by external weather conditions.

**Application**
— The surface to be applied must be clean. The surface must be free from all factors that will reduce the adhesion of the paint to the surface, such as dust, dirt, oil and silicone. When necessary, sanding must be done or Newkim anti-slip solution must be applied.
— It does not require the use of any primer before application. In order to prevent corrosion on metal surfaces, it is recommended to prime the surface with Newsan Antirust.
— After the tile paint package is opened, it is mixed until a homogeneous consistency is achieved.
— The product is applied to the pre-prepared surface in 2 layers without diluting, using a silk brush, velvet varnish roller or spraying.
— Min. It should be waited for 2 hours.
— During application, care should be taken to keep the applied surface and ambient temperature between +10°C and +35°C.

**NOTE:**
It is ready for use. Mix before application.
Touch Dry: 1 - 2 hours.
Final drying: 24 hours.
Applied surfaces should not be used for 1 day, and surfaces exposed to water should not be used for 2 days.
Water accumulation should not be allowed for the first 7 days and it should be protected against impacts.

**Consumption & Packaging**
0.150-0.200 kg per 1 $m^2$
In 1 lt and 3 lt packages

**Shelf Life**
It is stable for 2 years at room temperature in its original, unopened package.


# Moisture Paint

**Product Description**
It is an acrylic copolymer-based, solvent-based paint developed to prevent moisture and mold formation.

**Product Feature**
— It can be applied to all kinds of damp or dry walls, painted and unpainted surfaces.
— Thanks to its excellent alkaline and moisture resistance, it prevents the formation of moisture and moisture on the walls and eliminates it, if any.
— Its adhesion to all kinds of surfaces is extremely strong, it does not swell, and its resistance to chemicals is quite good.
— It is not affected by UV, rain, water and salt.
— It is used on interior and exterior walls, basements of buildings, basements, garages or cellars, interior walls facing north, and areas where there is a lot of moisture and humidity.
— It forms film layers with excellent moisture resistance on the surface it is used on.
— Even if the paint or wall is damp, it adheres very tightly to the surface.
— It is not affected by salt water and salt vomit. Due to this feature, it is also used to solve the problem of paint swelling in the basements of buildings.
— Moisture paint penetrates into the body of the wall on which it is applied and dries the moisture inside thanks to its special chemicals.
— Moisture paint has no side effects on the applied surface.

**Areas of Use**
— On damp walls, painted or unpainted damp walls,
— In basements, interior and exterior walls,
— On basement walls, surfaces and floors such as plaster, plaster, concrete, screed,
— On the northern facades of buildings,
It is used in moisture and moisture problems.

**Application Information**
— **Surface preparation:** Moisture Paint is ready to use and does not require primer.
— The surface to be applied must be damp and humid or it may be dry. It can be applied to any painted or unpainted surface.
— If there are swollen parts on the surfaces, the application surfaces should be cleaned and a solid surface should be obtained by using the appropriate repair mortar.

**Application Method**
— The lid of the moisture paint in its original packaging should be opened and mixed thoroughly for 3 minutes.
— After the mixing process is completed, it is recommended to apply the product to the existing surface with a brush, a suitable sprayer or a roller without diluting the product.
— One layer should be applied and the second layer should be applied after waiting 24 hours.
— The application areas must be well ventilated and masks, gloves and protective glasses must be used during the application.

**Shelf Life**
It is suitable for use for 24 months from the date of production if stored in original, unopened and undamaged packaging.

## Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | White Liquid |
| Density | 1.1 kg / lt. |
| Application Temperature | +5°C / +35°C |
| Full Hardening | 6-8 hours |
| Drying Time | 1-3 hours |


# Crystallized Waterproofing Mortar

**Product Description**
Cement-based, one-component, crystalline waterproofing mortar that is resistant to negative and positive water pressure, can be transferred to the capillary spaces of cement-based surfaces.

**Areas of Use**
It is used as an insulation material against leaks in interior and exterior spaces of all buildings, especially in water tanks, brine pools, foundation, curtain and basement walls, balconies, bathrooms, kitchens, toilets and detached swimming pools, elevator wells.

**Application Surfaces**
— Cement-based plasters and screeds,
— Consult us for all other application surfaces.

**Advantages**
— It is resistant to negative and positive water pressure.
— It has the ability to be transferred to the capillary spaces of cemented surfaces.
— It is suitable for drinking water.

**Preparation of the Surface**
— The surface to be applied must be clean, smooth and firm. Dust, lime paint residues, mold oils should be cleaned with a wire brush from the application surface.
— Significant defects and holes on the surface should be repaired with Fast Setting Plug Mortar before Crystalline Waterproofing Mortar application.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

**Preparation of Mortar**
6.5-7 lt of clean water should be added to 25 kg of Crystallized Waterproofing Mortar for each layer and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.

**Application Details**
— Crystallized Waterproofing Mortar should be applied with a brush as a minimum of 2 coats on the entire surface.
— The application of each layer should be applied in the direction perpendicular to the previous one.
— It should be waited at least 6 hours between layers.
— If the application of the following layer takes place 12 hours or more after the application of the previous layer, the surface is moistened again before the application.
— Drinking water tanks should be disinfected with hypochlorite solution at least 7 days after the application and washed with drinking water, and then filled with water.
— This process should be repeated once a year.

**Application Limit**
— It is not applied on wood, hardboard, plywood and metal surfaces.
— It is not applied directly on brick, gas concrete and poorly plastered surfaces.
— It is not used in terrace and roof insulation.
— Do not apply with roll.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**

Hand mixer, brush,

**Warnings & Suggestions**

— Foreign materials must not be added.
— Dilatation joints on the application surfaces should not be covered with Newkim Crystallized Waterproofing Mortar, the continuity of the insulation should be ensured with dilatation insulation tapes at these points.
— Surfaces where Newkim Crystallized Waterproofing Mortar has been applied should be protected from direct sunlight, air flow and frost for 3 days.
— If necessary, the surface should be wetted and kept moist.
— On surfaces that may be subject to mechanical impacts, a protective coat such as ceramic should be applied on Newkim Crystallized Waterproofing Mortar.
— Newkim Crystallized Waterproofing Mortar should not be left bare in places open to circulation and sunlight and should be protected with screed, ceramic coating or industrial floor covering.
— After application, all tools used should be washed with water before drying.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Gray Colored Fine Powder |
| Powder Density | 1.40 kg/Lt. (± 0.1) |
| Water Mixing | 6.5-7 lt. water / 25 kg. Powder |
| Rate Resting | Min. 3 minutes |
| Time Pot Life | 15-20 minutes |
| Time to Use Application | Min. 24 hours |
| Thickness Number of Coats to be Applied | 1 mm in one coat. |
| Waiting Time Between the Coats | 2-3 coats |
| Waiting Time Between the Coats | Min. 6 hours |
| Time to Wait for the Final Coat Application | 1-2 days |

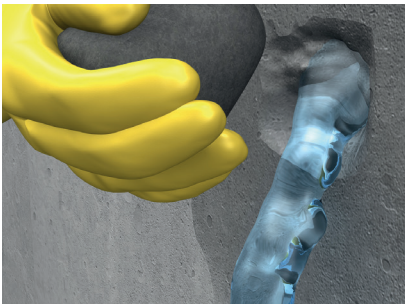

***Consumption***
*3-5 kg / m²*


***Packaging***
*25 kg. Kraft Bag*


***Shelf Life***
*1 year from the date of production in drought and dry environments*


***Color***
*Grray*


# TK-101
# Plug Mortar



**Product Description**
It is a cement-based, fast-setting plug mortar used to stop water leaks.

**Areas of Use**
— It is used on the inner and outer reinforced concrete wall of the water tanks and tanks.
— İn reservoirs, drainage systems and tunnels.
— İn filling and sealing of tension iron spaces in the mold.

**Application Surfaces**
— On the inner and outer concrete surfaces.
— Please consult for other surfaces.

**Advantages**
— It is easy to apply.
— It becomes water-impermeable stopper by taking a sudden setting.
— It doesn't shrink, it doesn't crack.
— It does not corrode reinforced concrete reinforcement.
— It adheres perfectly to the surface.
— Its mechanical strength is very high.
— All kinds of waterproofing materials can be applied on it.
— It is safely used in foundations, basements, elevator wells, underground garages and warehouses, internal and external reinforced concrete walls of water tanks and tanks, reservoirs, drainage systems and tunnels.

**Preparation of the Surface**
— The surface to be applied must be clean and free from oil, mortar, dust and flowering residues.
— If the water leak is pressurized, water from the surface must be drained through a pipe before application.
— Loose parts on the surface, residues that will prevent adhesion such as soil, oil, paint, mud and pitch should be cleaned.
— Cracks and gaps should be scraped to a width and depth of 2 cm and loose parts should be cleaned.

**Preparation of Mortar**
It should be applied to the mortar in the form of dough in conical form in 1 minute and applied to the area where there is water leakage by hand, with a single movement and with pressure.

**Application Details**
— It can be applied in powder or mortar.
— For application as a mortar, mix the product with water and apply it to the area where there is a leak.
— For dry application, apply the powder product directly to the leaking area.
— Constant pressure should be applied for at least 2 minutes until the material hardens.
— Immediately after the application, the excess on the surface should be removed with tools such as chisels and spatulas and the surface should be smoothed.

**Application Limit**
It is not applied on wood, hardboard, plywood and metal surfaces.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on frozen surfaces.

**Application Tools**

Nitrile Gloves

**Warnings & Suggestions**

— Foreign materials must not be added.
— Because it is cement based, do not breathe its powder, do not make contact with the skin and eyes.
— Protective gloves must be worn during use.
— Please consult when using with water.
— Please refer to the Safety Data Sheet for further information.

**Technical Information**

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | Grey Powder |
| Application Temperature | +5°C / +35°C |
| Pot Life | 1 minute |
| Final Drying | 2-3 minutes |
| Adhesion Strength (EN 1542 | >0,50 N/mm² (28 days) |


# S1 / Dual Component Semi-Elastic Waterproofing Mortar

## Product Description

It is a cement-based, acrylic (polymer emulsion) modified, chlorinated water-resistant, double-component, semi-elastic waterproofing product prepared according to TS EN 14891;2017 standard. **(CMP)**

## Areas of Use

It is used as a ceramic waterproofing material in all buildings, especially in wet places such as balconies, bathrooms, toilets and kitchens.

## Application Surfaces

— Cement-based plasters and screeds,
— Gross concrete surfaces
— Consult us for all other application surfaces.

## Advantages

— Easy and practical application
— Possibility of rapid transition to ceramic application.

## Preparation of the Surface

— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar 24 hours before Newkim Cement Based Double Component Semi-Elastic Waterproofing Mortar (S1) application; in cases where fast application or sulfate resistance is required, it should be chamfered with appropriate Repair Mortar.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

It is produced in accordance with TS EN 14891: 2013 standard.

## Preparation of Mortar

— For each layer, 20 kg of powder component should be added slowly to the 6 kg liquid component and it should be mixed for about 2-3 minutes, preferably with the help of a low speed mixer until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application.
— Newkim S1 should be applied to the entire surface in with a brush or trowel.
— The application of each layer should be applied in the direction perpendicular to the previous one.

## Application Details

— Newkim S1 should be applied to the entire surface in a minimum of 2 coats with the help of a brush.
— The application of each layer should be made in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

## Application Limit

— It is not applied on wood, hardboard, plywood and metal surfaces.
— It should not be left naked in places that may be exposed to direct sunlight.
— The top of the application should be covered with products such as screed, ceramics.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**

Hand mixer, brush, trowel.

**Warnings & Suggestions**

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Foreign materials must not be added.
— Dilation joints on application surfaces should be provided with dilation insulation bands.
— In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.
— Newkim S1 applied surfaces should be protected from direct sunlight, air currents and frost for 2 days.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim S1 on surfaces that may be exposed to mechanical impacts.
— The coating application like ceramic should not be started before 2 days after Newkim S1 application.
— After application, all tools used should be washed with water before drying.
— Never go beyond the application instructions.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | Grey Fine-Grained Powder / White Color Liquid |
| Application Temperature | +5°C / +35°C |
| Mortar Density | Approximately 1.60 kg /m³ (±0.200) |
| Adhesive Strength (TS EN 14891) | ≥ 0,5 N /mm² |
| Crack Bridging (TS EN 14891) | ≥ 0,10 kg/(m2h0,5) |
| Capillary Water Absorption (TS EN 1602-3) | ≤ 20 gr. |
| Number of Floors to Apply | 2-3 |
| Waiting Time Between Coats | Min. 24 hours |
| Time to Wait for Ceramic Application | 1-2 days |
| Mechanical Strength Gain Time | 3 days |
| Water Impermeability | 7 days |
| Full Drying Time | 48 hours |


# S2 / Dual Component Super Elastic Waterproofing Mortar

It is produced in accordance with TS EN 14891: 2013 standard.

**Product Description**

It is a cement based, acrylic (polymer emulsion) modified, chlorinated water resistant, crack bridging capability at low temperature (-5°C), double-component, super elastic waterproofing product prepared according to TS EN 14891;2017 standard. (CM$O_1$P)

**Areas of Use**

— It is used as cement waterproofing material in cement-based surfaces in all buildings.
— Especially in wet places such as balconies, bathrooms, toilets and kitchens, balcony terraces and private swimming pools.

**Application Surfaces**

Interior and exterior;
— Cement-based plasters and screeds,
— Gross concrete,
— Consult us for all other application surfaces.

**Advantages**

— Safe use in wet areas, bathrooms, balcony terraces and detached swimming pools.
— Possibility of rapid transition to ceramic application.
— With its extra elastic structure, it offers a wide application area in structures.
— Easy and practical application possibility.

**Preparation of the Surface**

— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar 24 hours before Newkim Cement Based Double Component Super Elastic Waterproofing Mortar (S2) application; in cases where fast application or sulfate resistance is required, it should be chamfered with appropriate Repair Mortar.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

**Preparation of Mortar**

— For each layer, 20 kg of powder component should be added slowly to the 10 kg liquid component and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application.

**Application Details**

— Newkim S2 should be applied to the entire surface with a brush or trowel in min 2 coats. The application of each layer should be made
— in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

**Application Limit**

— It is not applied on wood, hardboard, plywood and metal surfaces.
— It is not applied against negative water pressure.
— It should not be left naked in places that may be exposed to direct sunlight.
— The application should be covered with products such as screed and ceramics.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or have the risk of rain or frost.
— Foreign materials must not be added.

**Application Tools**

Hand mixer, brush, trowel.

**Warnings & Suggestions**

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Newkim S2 applied surfaces should be protected from direct sunlight, air currents and frost for 2 days.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim S2 on surfaces that may be exposed to mechanical impacts.
— The coating application like ceramic should not be started before 2 days after Newkim S2 application.
— After application, all tools used should be washed with water before drying.
— Dilation joints on application surfaces should be provided with dilation insulation bands.
— In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | Grey powder / Whiteliquid |
| Application Temperature | +5°C / +35°C |
| Mortar Density | approximately 1.60 kg / m³ (±0.200) |
| Adhesion strength (TS EN 14891, 2017) | ≥ 0,5 N /mm2 |
| Crack bridging (TS EN 14891, 2017) | ≥ 0,75 mm (-5 °C) |
| Capillary water absorption (TS EN 1602-3) | ≤ 0,10 kg/(m2h0,5) |
| Waterproofing (No Penetration) | ≤ 20 gr. |
| Number of Coats to Be Applied | 2-3 layers |
| Waiting Time Between Coats | 24 hours |
| Waiting Time for Filling Water Tanks With Water Gain | 7 days |
| Mechanical Strength | 2 days |
| Water Impermeability | 7 days |
| Full Drying Time | 48 hours |


# S3 / **Dual Component UV Resistant Waterproofing Mortar**

It is produced in accordance with TS EN 14891: 2013 standard.

**Product Description**
Cement based, acrylic (polymer emulsion) modified, improved UV resistance, light foot traffic resistant, double-component, fully elastic waterproofing mortar.

**Areas of Use**
It is used as a UV and light pedestrian traffic resistant waterproofing material in all buildings, especially on terrace roofs that will be left open without being covered with any other coating material, in wet places such as balconies, bathrooms, toilets and kitchens, swimming pools and water tanks.

**Application Surfaces**
— Cement-based plasters and screeds,
— Gross concrete,
— Consult us for all other application surfaces.

**Advantages**
— Safe use as a topcoat on terrace roofs.
— Improved UV and light pedestrian traffic.
— Stated times 25 °C surface and ambient strength.
— Resistance to temperature differences with full elastic structure.
— Compliance with drinking water.
— Application on moist surfaces.
— Easy and convenient application.

**Preparation of the Surface**
— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar min 24 hours before application of Newkim Double Component UV Resistant Elastic Waterproofing Mortar (S3); if rapid application or sulfate resistance desired.
— It is valid at temperature, time increases at low temperature, time decreases at high temperature.

**Preparation of Mortar**
— For each layer, 20 kg of powder component should be added slowly to the 10 kg liquid component and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application.

**Application Details**
— Newkim Two Component UV Resistant Elastic Waterproofing Mortar S3 should be applied to the entire surface with a brush or trowel in a minimum of 2 coats.
— The application of each layer should be made in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.

**Application Requirements**
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Requirements**

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**

Hand mixer, brush, trowel.

**Warnings & Suggestions**

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Foreign materials must not be added.
— Dilation joints on application surfaces should be provided with dilation insulation bands. In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.
— Newkim Two Component UV Resistant Elastic Waterproofing Mortar S3 applied surfaces should be protected from sudden temperature differences, air currents and frost that will increase the risk of cracking on the surface for 48 hours.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim Double Component UV Resistant Elastic Waterproofing Mortar S3 on surfaces that may be exposed to mechanical impacts.
— After application, all tools used should be washed with water before drying.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| View | White Fine-Grained Powder / White Color Liquid |
| Application Temperature | +5°C / +35°C |
| Mortar Density | Approximately 1,55 kg /m³ (±0.1) |
| Adhesion strength (TS EN 14891) | ≥ 1,00 N /mm² |
| Crack bridging (TS EN 14891) | ≥ 1,50 mm (+20 °C)<br>≥ 1,00 mm /mm² |
| Capillary water absorption (TS EN 1602-3) | ≤ 0,10 kg/(m2h0,5) |
| Number of Coats to Be Applied | 2-3 layers |
| Waiting Time Between Coats | Min. 24 hours |
| Waiting Time for Filling Water Tanks With Water Gain | 7 days |
| Mechanical Strength | 2 days |
| Water Impermeability | 7 days |
| Full Drying Time | 48 hours |


***Consumption***
*3 kg / m²*


***Packaging***
*20 kg Powder*
*10 kg Liquid*


***Shelf Life***
*1 year from the date of production in drought and dry environments*


***Color***
*White*


WATER STOP
# Acrylic Based Liquid Membrane

It is an elastomeric (acrylic) resin-based, water-based, single-component, flexible waterproofing material that is resistant to contact with chlorinated water, prepared according to the TS EN 14891 2017 standard. (DMP)

### Areas of Use
— In all horizontal and vertical floors,
— In buildings, concrete, plaster, brick, tile, aerated concrete, briquette, grooved and grooved roofing boards, boards and terraces when water and moisture impermeability is desired.
— Foundation and curtain wall tanking, Basement, foundation insulation, (positively) Dilatation of surface joints, plaster cracks and pipe joints, concrete repair and protection of parapets, repair of wall cracks in the foundation, isolation of bathrooms and wet areas,
— Indoor wet floors,
— Insulation of flue bottom and wall monoblocs,
— Terrace, balcony, under-tile and over-tile insulation,
— In the insulation of eaves, hidden creeks and rain gutters
— In the insulation of swimming pool, water tank and water discharges,
— Insulation of outdoor wet floors.

### Preparation of the Surface
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— Pressurized water should be used when necessary. The surface to be applied should be dry and clean without moisture.
— The terraces and surfaces to be applied must have a slope that will not make the pond.

### Application of the Product
— Primer coat application; After the required surface preparation is completed, it should be applied on the surface with a roller.

— Mezzanine application; After primer coat application, it is applied as a layer by roller, without diluting with water, to the chimney bottoms, horizontal, vertical joints, cracks or critical points that may possibly crack in the future.
— Normal coat application; 2 and 3 coat applications should be done without thinning with water. A minimum of 24 hours between the layers should be expected and the application layer should be 90° perpendicular to the layer that was first applied.
— Application surfaces should be protected from rain, frost, pedestrian and vehicle traffic for at least 48 hours.

### Application Details
— It can only be painted with water-based paint with the same elasticity structure.
**Reinforced concrete curtain walls;**
— The application should be protected from soil and rock filling from construction excavation. (Wall knitting, sandbag laying, polystyrene foam lining etc.)
— SIt is used in water tanks and wet areas (WC, Bathroom) on the floor and under wall tile when it is desired to take advantage of the waterproofing applications.

**On Terrace roofs;**
— Due to UV resistance, application can be done without being covered.
— Before the topcoat application dries, sanding should be done to roughen the surface and the application should be covered. (Ceramic tiles, etc.)
— Water should be filled after 10 days to ensure complete drying in closed areas.

**Consumption**
1.5 kg / m² for 1 mm thickness

**Color**
In desired colors.

**Application Requirements**
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.
— Brush application is not applied.

**Important Note;**
— Waterproofing feature in blind facades in exterior jacketing systems, it can be diluted 1/3 and used as an undercoat application.
— It is not applied until minimum 24 hours in weather conditions with possible rain.

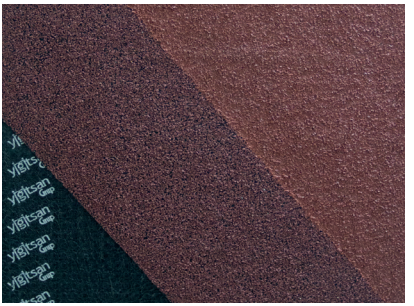
**Application Tools**
Hand mixer, roll.

**Warnings & Suggestions**
— Foreign materials must not be added.
— All applied surfaces must be protected with screed, ceramic or similar coatings in order to show performance and required resistance against external influences.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.
— It is not applied directly on aerated concrete, briquettes or bricks.
— It should be primed with gypsum primer 24 hours before the application on the plaster.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | in all desired colors |
| Intensity | Approx. 1.50 kg /m³ (± 0.200) |
| Application Thickness | 1.0 -1.5mm |
| Initial Tensile, Adhesion Force (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Tensile Adhesion Force with Chlorinated Water (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Application Temperature | +5°C / +35°C |
| Initial Drying | Max. 12 hours / Min.4 hours |
| Second Floor Drying | Max 24 hours / Min. 12 hours |
| Full Dry | Max. 48 hours / Min. 24 hours |
| Elongation at Break | At least 600% (DIN 53455) |
| Mechanical Strength Recovery Time | 7 days |
| Time to become Waterproof | 7 days |
| Withstand Temperature in High Environment | Max. 80°C |


# ROOF PAINT
# Roof Waterproofing Liquid Membrane



**Product Description**
It is an elastomeric (acrylic) resin-based, water-based, single-component, flexible waterproofing material that is resistant to contact with chlorinated water, prepared according to the TS EN 14891; 2017 standard. (DMP)

**Areas of Use**
— It is used for waterproofing on bitumen-based, carrier, corrugated, terrace and roof surfaces.
— On roofs and terraces; In slate stone coated membrane applications,
— On new and old roofs,
— It can be used for waterproofing in sheet metal panel applications.

**Application Instruction**
— The surfaces to be applied to Roof Paint should be free from dirt, oil, loose and spilled paint and other foreign materials. All cracks, joints, skirts and roof leaks should be repaired, and necessary arrangements should be made in degraded, damaged, leaky areas.
— Mix the Roof Paint during the application.
— Do not apply at temperatures below +10 °C.
— Application should be done in two layers; each layer should be painted perpendicular to the previous layer.
— It is sufficient to apply a single coat on bitumen-based surfaces.
— Two layers of application should be made in sheet metal panel applications.

**Thinning**
— Ready to Use.
— Do not thin.

**Application Requirements**
— The ambient temperature should be between +10 °C and +35 °C.
— It should not be applied on surfaces with a risk of rain or frost within 24 hours.

**Application Tools**
Roll

**Warnings & Suggestions**
— Foreign materials must not be added.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.
— If there is rust on the sheet metal surfaces, Newsan Antipas should be applied at least 6 hours before. Then roof paint should be applied.

## Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | in all desired colors |
| Intensity | Approx. 1.50 kg /m³ (± 0.200) |
| Application Thickness | 1.0 -1.5mm |
| Initial Tensile, Adhesion Force (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Tensile Adhesion Force with Chlorinated Water (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Application Temperature | +10°C / +35°C |
| Initial Drying | Max. 12 hours / Min.4 hours |
| Second Floor Drying | Max 24 hours / Min. 12 hours |
| Full Dry | Max. 48 hours / Min. 24 hours |
| Elongation at Break | At least 600% (DIN 53455) |
| Mechanical Strength Recovery Time | 7 days |
| Time to become Waterproof | 7 days |
| Withstand Temperature in High Environment | Max. 80°C |


# Pool Paint
# **Pool Insulation Paint**

**Product Description**
It is a one-component, water-based, blue colored, resin-based pool paint.

**Areas of Use**
— On concrete, plaster and screed,
— In pools, water tanks, water reservoirs, metal tanks and water cisterns,
— Ornamental pools, ponds, dams, water channels,
— In treatment and balance tanks.

**Advantage**
— It is not affected by water and water pressure.
— It is elastic, It does not crack, It does not swell, peel.
— It is not affected by UV rays and pool chemicals.
— It is extremely resistant to alkali and chlorine. Its color does not fade with time, it does not deteriorate underwater, it does not erode.

**Application Instruction**
— The surface should be clean, dry and free from foreign substances such as dirt, oil, coating, surface curing materials.
— Surface repairs, filling of gaps/holes must be done with Newkim Repair Mortar.
— Concrete and plaster coated surfaces must primed with Newkim Pool Point Primer before application.
— It should be applied with a roller and left to dry.
— The second coat should be made after 24 hours after the first coat is dry.
— Applications should be made perpendicular to each other.
— The pool should be left to full cure for 1 week before filling it with water.

**Thinning**
It is ready for use.

**Specifications**
— Volumetric Solids %: 60 ± 2%
— Density :1.3 - 1.4 gr/ml
— Solids Ratio: 60%

**Application Requirements**
— The ambient temperature should be between +10 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours

**Application Tools**
Roll

**Warnings & Suggestions**
— Never dilute with water or other chemicals.
— Avoid application under strong wind or sun.
— Not suitable for high pressure olympic swimming pool.

| Consumption | Packaging | Shelf Life | Color |
|---|---|---|---|
| *1 kg/m²* | *20 kg. PE Bucket* | *1 year in dry and cool environment* | *Blue (in other colors when desired* |


# Pool Primer
## Pool Insulation Paint Primer

**Product Description**
Acrylic based, surface bonding primer prepared for Pool Paint.

**Areas of Us**
— On concrete, plaster and screed,
— In pools, water tanks, water reservoirs, metal tanks and water cisterns,
— Ornamental pools, ponds, dams, water channels,
— In treatment and balance tanks.

**Advantages**
— It is not affected by water.
— It is elastic, It does not crack, It does not swell, peel.
— It is not affected by UV rays and pool chemicals.
— It is extremely resistant to alkali and chlorine.
— Its color does not fade with time, it does not deteriorate underwater, it does not erode.
— It can be easily applied by anyone.

**Application Instruction**
— The surface should be clean, dry and free from foreign substances such as dirt, oil, coating, surface curing materials.
— Surface repairs, filling of gaps/holes must be done with Newkim Repair Mortar.
— It should be applied with a roller and left to dry.

**Product Preparation (Mix)**
— It is ready for use.

**Specifications**
— Volumetric Solids %: 60 ± 2%
— Density :1.15 - 1.30 gr/ml

**Application Requirements**
— The ambient temperature should be between +10 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**
Rol

**Warnings & Suggestions**
— Never dilute with water or other chemicals.
— Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The surface temperature to be applied must be between +5 °C and +35 °C.

| Consumption | Packaging | Shelf Life | Color |
|---|---|---|---|
| 500 gr. / m² | 20 kg. PE Bucket | 1 year in dry and cool environment | Blue (in other colors when desired |


# Elastomeric Basic Waterproofing

**Product Description**

TS EN 14891; 2017 Acrylic-based, single-component, flexible waterproofing material resistant to contact with chlorinated water.

**Areas of Use**

— In all horizontal and vertical floors,
— In concrete, plaster, brick, tile, gas concrete, briquette, foundation and curtain wall bundling, basement, foundation insulation, (positively) dilution of surface joints, where water and moisture impermeability is required in buildings,
— In plaster cracks and pipe joints, repairing
— Wall cracks in the foundation,

**Preparation of the Surface**

— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— When necessary, it should be cleaned with pressurized water. The surface to be applied should be dry and clean without moisture.
— The foundations and surfaces to be applied must have a slope that will not make the pond.
— Mold defects on the surface should be corrected with Newkim Repair Mortar 1 day in advance.
— Residues such as iron and nails on the surface should be shaved, otherwise, problems may occur in insulation and consumption.

**Application**

— Primer coat application; After the required surface preparation is completed, it should be applied on the surface with a roller.
— Mezzanine application; After primer coat application, it is applied as a layer by brush or roller, without diluting with water, to cracks on concrete bottoms, vertical joints, cracks or critical points that may possibly crack in the future.
— After the application, the net application is started. After applying the net, a thin layer is applied with the roller. It is left to dry. (The net to be used must be Newkim Brand White color net.)
— Normal coat application; Application should be done in such a way as to close the pores of the net.
— A minimum of 24 hours between the layers should be expected and the application layer should be 90° perpendicular to the layer that was first applied.
— Application surfaces should be protected from rain, frost, pedestrian and vehicle traffic for at least 48 hours.
— Each layer should not be applied without drying the other, the application should be done within 3 separate times.
— Due to the cold weather conditions during the winter months, drying times may be longer. (The waiting time between layers may increase.)

**Application Details**

Reinforced concrete curtain walls;

— The application should be protected from soil and rock filling from construction excavation. (Wall knitting, sandbag laying, polystyrene foam lining etc.)

**Consumption**

Product; 1.5 kg / m²
Plaster Net; 1.1 m / m²

**Application Requirements**

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— Application should be avoided at temperatures below + 10 °C. Otherwise, it is too late to dry, and the curing time of the material is extended.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Application Tools**

Roll

**Warnings & Suggestions**

— Foreign materials must not be added.
All applied surfaces must be protected with similar coatings such as EPS, XPS or drainage board in order to show performance and required resistance against external influences.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Appearance | Black |
| Intensity | Approx. 1.50 kg /m³ (± 0.200) |
| Application Thickness | 1.0 -1.5mm |
| Initial Tensile, Adhesion Force (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Tensile Adhesion Force with Chlorinated Water (TS EN 14891;2017) | ≥ 0.5 N /mm² |
| Application Temperature | +5°C / +35°C |
| Initial Drying | Max. 12 hours / Min.4 hours |
| Second Floor Drying | Max 24 hours / Min. 12 hours |
| Full Dry | Max. 48 hours / Min. 24 hours |
| Elongation at Break | At least 400% (DIN 53455) |
| Mechanical Strength Recovery Time | 7 days |
| Time to become Waterproof | 7 days |
| Withstand Temperature in High Environment | Max. 80°C |


# S-705 **Impregnation Transparent Waterproofing**

**Product Description**
Transparent, solvent-based waterproofing that provides water-repellent properties to the surface on which it is used.

**Areas of Use**
— It prevents water leakages by strengthening the areas where horizontal and vertical grouting is applied on all kinds of concrete surfaces.
— It is suitable for use on interior and exterior surfaces.

**Advantages**
It provides waterproofing by forming a waterproof film layer on the applied area. It has high UV resistance.

**Preparation of the Surface**
— The surface to be covered must be clean and solid.
— All foreign substances that will counteract adhesion should be cleaned**.**

**Application Details**
— It is ready for use.
— It allows very comfortable application with roller or brush.
— It can be applied very comfortably by everyone.
— The application must be made in two layers.
— 1 hour between layers should be expected.

**Thinning**
— It is ready for use.
— It does not require thinning.

**Application Requirements**
The application must be made in two layers.

**Application Tools**
Roller, brush

**Warnings & Suggestions**
— Foreign materials must not be added.
— The product cover should not be left open.
— Avoid contact with eyes and skin.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Content | Solvent based resin |
| Thinning | Ready for use. |
| Mixture Density | 0.80 - 0.85 gr/cm³l |
| Application | +5°C / +35°C |
| Temperature | 30-40 minutes |
| Drying Time Touch | 2 hours |
| Time Full Drying | 24 hours |

***Consumption***
*At least two coats are applied. 200 gr/m² for each coat*

***Packaging***
*1 - 3.5 - 5 kg. Tin Box*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Transparent*


# HARD POWER
# Polymer Based Hard Elastic Water isolation

**Product Description**
It is a polymer-based, single-component, glossy waterproofing product that creates a waterproof insulation layer on the applied surface.

**Areas of Use**
— Insulation of terrace roofs and balconies,
— In curtain insulation and membrane joint repairs,
— On metal roofs, wood,
— On old problematic bituminous insulations,
— On asphalt and concrete floors,
— In under-ceramic waterproofing, in wet areas (bathroom, WC, shower, kitchen, etc.)
— As a waterproofing layer in prefabricated concrete, painted sheet, galvanized sheet, GRP water channels,
— It can be used on exterior surfaces.

**Application Instruction**
— It has high adhesion to the ground.
— It does not break, crack, or swell and lift off the surface.
— It is easy to apply.
— It is ready to use, not diluted.
— It shows high defense resistance against corrosion and chemicals.
— It gives a shiny appearance to the surface.
— It has high mechanical resistance against abrasion and impacts.
— It is not affected by fungi and bacteria.
It is not affected by UV rays.
— It can create a barrier against moisture coming from below by filling the pores on the surfaces it is applied to.

**Packaging & Consumption**
10 kg to 18 kg of liquid is presented in the bucket ready for use, it is not diluted.

Grey, white, brick, RAL colors are produced.
Consumption rate varies depending on the application technique and the absorbency of the surface.
A controlled sample is recommended for exact consumption.
The specified rates are within theoretical standards and may vary depending on the method of application and intensity of use.

**Shelf Life**
2 years.


# Ceiling Paint

**Product Description**
It is a styrene acrylic copolymer binder based, water based, breathable ceiling paint with high covering power and whiteness.

**Application Areas**
— It is formulated for ceiling surfaces located on the interior facades of buildings.
— It is recommended not to be used in any other area.

**Advantages**
— Provides adhesion and adaptation to plaster, concrete, or applied plaster surfaces.
— It is water-based and has high inhalation ability.
— It has a matt and smooth appearance.
— It has very high covering ability.
— It does not swell and spill.
— It saves time and labor due to the high spreading power on the surface during application.

**Application Instruction**
— The surface must be free of swollen and loose textured layers.
— Dust, oil, soot and other contamination should be cleaned and, if necessary, washed with water and wiped.
— Cracks should be filled and defects should be eliminated with Newsan Surface Correction Paste.
— Newly absorbent surfaces to be painted are primed with Newkim Super Plaster Primer or Newsan Interior Wall Primer.
— Newsan Ceiling Paint should be mixed thoroughly before application.
— It is recommended to wait at least 2 hours between coats, depending on ambient temperature and humidity.
— The temperature of the environment and the surface to be applied should be minimum +10°C during the application and for the following 24 hours.

**Paintable Area**
Depending on the surface on two layers;
— 10-12 m² with 3,5 kg
— 30-35 m² with 10 kg
— 55-60 m² with 17.5 kg.

**Application Apparatus**
Application is done with roller and brush.

**Drying Time** (23°C, 50% Relative Humidity)
— Waiting time between layers is min 2 hours.
— Full drying time is min. 12 hours.

**Consumption**
1 kg. Depending on the application method and the ground, an area of 3-3.5 m² can be painted.

**Thinning**
It is recommended to apply two coats by thinning at most 10-15%.

**Packaging**
17,5 / 10 / 3.5 kg. PE bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Interior Wall
# Silicone Water-Based Matte Paint

**Product Description**
It is a styrene acrylic based, silicone added, matt interior paint with high coverage and wipeability.

**Application Areas**
It is an easy to apply high quality indoor wall paint.

**Advantages**
— It is matte and smooth.
— It covers surfaces perfectly.
— It does not swell and spill.
— It hides surface faults.

**Application Instruction**
— It should be applied on clean, dry and smooth surfaces where the sub-surface operations have been completed (paste and primer applied).
— 24 hours after primer application, it is thinned with water by 15-20% by volume and applied in 2 coats by brush or roller.
— In practice, roll movements should be taken into consideration in one direction.
— 3-4 hours should be waited between the application coats according to the difference between summer and winter.
— Old synthetic-based surfaces should be thoroughly sanded and sand powder removed from the surface.
— The entire surface should be smoothed with Newsan Surface Correction Paste to ensure the best matte texture.
— Surfaces on which old solvent-based paint has been applied and very dirty surfaces should be primed with Newsan Conversion Primer, and absorbent surfaces to be newly painted should be primed with Newsan interior primer.
— Before application, Newsan Silicone Water-Based Matte Paint should be mixed thoroughly.

**Paintable Area**
Depending on the surface on two layers;
— 12-14 m² with 3,5 kg
— 35-40 m² with 10 kg
— 70-80 m² with 20 kgsurface can be painted.

**Application Apparatus**
Application is done with roller and brush.

**Drying Time**
— Second Layer Application: minimum 3 hours
— Final Dry: 24 hours.

**Consumption**
1 kg. Depending on the application method and the ground, an area of 4 m² can be painted. (when a primer is used)

**Thinning**
It is recommended to apply two coats by thinning at most 15-20%.

**Packaging**
20 / 10 / 3.5 kg. PE bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Interior Wall
# Silicone Water-Based Silk Glossy Paint

**Product Description**
It is a styrene acrylic-based, silk-looking, silicone-added, glossy interior paint with high covering and wipeability properties.

**Application Areas**
It is a high quality glossy interior wall paint that is easy to apply.

**Advantages**
— Thanks to its silicone additive, it has high water repellent properties and allows cleaning of stains that may occur on the surface.
— It allows the applied surfaces to breathe. It is water-based, human and environmentally friendly.
— It is easy to apply and saves labor.
— It has high covering power.

**Application Instruction**
— On surfaces to be newly painted; Plaster, plaster, putty etc. Primer is applied to smoothed surfaces.
— On old painted surfaces; The surface must be cleaned from all kinds of oil, dirt, loose and swollen layers.
— After surface smoothing is done where necessary, Newsan interior primer is applied to the entire surface.
— On old synthetic painted surfaces; After the surface is lightly sanded and sanding dust is removed from the surface, Newsan conversion primer is applied in a single layer.
— Newsan Interior Primer should be applied in a single layer before applying paint on the surfaces where color change is desired.
— 24 hours after the primer application, it is diluted with water to 8-10% by volume and applied in 2 layers with a brush or roller.

— To achieve proper application, scanning should be done in one direction and over-scanning should be avoided.
— The temperature of the environment and the surface to be applied during the application and for the following 24 hours should be minimum +10°C.

**Paintable Area**
Depending on the surface on two layers;
— 20-22 m² with 3,5 kg
— 60-65 m² with 10 kg
— 120-130 m² with 20 kg can be painted.

**Application Apparatus**
Application is done with roller and brush.

**Drying Time**
— The waiting time between the layers is min 6 hours.
— Full drying time is min. 24 hours

**Consumption**
Depending on the application method and the floor, with 1 kg, 6-6,5 m² area can be painted in a single coat in one coat. (when a primer is used)

**Thinning**
It is recommended to apply two coats by thinning at most 8-10%.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Interior Wall
# Export Interior Wall Water-Based Plastic Paint

**Product Description**
It is a Strene acrylic copolymer based, breathable, interior matte paint with high covering power.

**Application Areas**
It is used on all kinds of wall surfaces in the interior of buildings.

**Advantages**
— It is water based and has high breathability.
— It provides perfect integration with the surface on which it is applied.
— It does not cause cracking, swelling or shedding.

**Application Instruction**
— Before painting (putty and primer applied), the surface must be dust-free, clean and dry.
— Newsan interior primer can be applied in a single layer before application on surfaces where color change is desired.
— On surfaces whose subsurface treatments have been completed (putty and primer have been applied), after 24 hours, it is diluted with water by 15-20% by volume, made homogeneous and applied in at least 2 layers with a brush or roller.
— To achieve proper application, scanning should be done in one direction and over-scanning should be avoided.
— You should wait 3-4 hours between coats, taking into account seasonal differences.
— The temperature of the environment and the surface to be applied must be minimum +10°C during the application and for the following 24 hours.

**Paintable Area**
Depending on the surface on two layers;
— 10-12 m² with 3,5 kg
— 28-30 m² with 10 kg
— 60-70 m² with 20 kg can be painted.

**Application Apparatus**
Application is done with roller and brush.

**Drying Time** (At 23°C (±2°C), 55% (±5°C)
— Second Layer Application: 2-3 hours
— Last Drying: 24 hours.

**Consumption**
Depending on the application method and the floor, with 1 kg, 3-3,5 m² area can be painted in a single coat in one coat. (When using interior primer)

**Thinning**
It is recommended to apply two coats by thinning at most 15-20%.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# **Silicone** Interior Wall **White Primer**

**Product Description**
It is a water-based, silicone primer that can be applied under all interior paints.

**Application Areas**
— It is used as a primer before painting on all kinds of surfaces such as concrete, plaster, plaster putty.
— It should be used on very absorbent mineral-based surfaces and before first paint applications.

**Advantages**
— It penetrates the surface perfectly.
— It reduces final coat paint consumption by 15-20%.

**Application Instruction**
— The surfaces to be applied should be cleaned of dust and dirt.
— It can be easily applied as a paint primer on both newly painted surfaces and old painted surfaces.
— It distributes homogeneously over the surfaces, ensuring perfect adhesion of the new paint on the surface.
— Cracks on the surface should be filled and the surface smoothed with Newsan surface smoothing paste.
— Newsan Silicone Interior White Primer should be thinned by 15-20% at most and then applied to the surface in a single layer with a brush or roller.
— Topcoat coating material should be applied at least 6 hours after the application of Newsan Silicone Interior White Primer.
— Extremely hot surfaces should be moistened before application.
— During application, the surface and ambient temperature should be between +10°C and +35°C.
— On surfaces where solvent-based paint has been applied, conversion primer should be used instead of interior primer.

**Paintable Area**
Depending on the surface on one layer;
— 18-20 m² with 3.5 kg
— 50-55 m² with 10 kg
— 100-110 m² area with 20 kg can be painted.

**Application Apparatus**
Application is done with roller and brush.

**Application Apparatus**
Application is done with roller and brush.

**Drying time** (20 °C, 50% Relative Humidity)
— First drying : 1-2 hours
— Paint application: 6 hours
— Full Drying : 18-24 hours

**Consumption**
Depending on the application method and the floor, with 1 kg, 5-5,5 m² area can be painted in a single coat in one coat.

**Thinning**
Dilute 15-20% with water.

**Packaging**
20 / 10 / 3.5 kg. PE bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Transfer Primer

**Product Description**
It is an interior conversion (transfer) primer used for the transition from solvent-based paint applied surfaces to water-based paint.

**Application Areas**
It is used as a primer on exposed concrete, rough and all kinds of plastered, mineral-based surfaces, self-supporting silicone or acrylic based old painted surfaces that have lost their color

**Advantages**
— Establishes a binding bridge between the paint and the surface.
— Reduces paint consumption.
— It roughens the surface during the transition from solvent-based paint to water-based paint and ensures that the final coat of paint adheres.

**Application Instruction**
— The surfaces to be applied must be smooth, solid and able to carry the primer and final coat of paint.
— The surfaces to be painted should be free from all kinds of dirt, dust, mold oil, etc. should be cleaned and the necessary surface correction should be made.
— Before switching from old/new synthetic painted surfaces to a water-based system (before applying primer), the surfaces should be roughened with sandpaper.
— During application and until the products are fully dried, care should be taken to ensure that the ambient and surface temperature is between +10°C and +35°C.

**Application Apparatus**
Roll and brush

**Drying Time** (20°C 50% Relative Humidity)
— First drying: 1-2 hours
— Paint application: 6 hours
— Attention; It is 6 hours for applications on water-based paint and 24 hours for applications on solvent-based paint. (Drying time may be longer with higher relative humidity and low temperature.)

**Consumption**
Depending on the application and ground, 6-8/m² area can be painted in one coat with 1 lt.

**Thinning**
In brush and roller applications, it is recommended to be thinned with clean water by 10% and to be applied in one layer. Airless Spray: 10% and 15% thinned.

**Packaging**
15 / 7.5 / 2.5 Lt. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Nouvo Pearl Paint

**Product Description**
It is an interior wall paint with high covering power and a flexible structure, which is applied to water-based surfaces for decorative purposes, is wipeable, creates pearlescent patterns depending on the reflection of light.

**Advantages**
Fully wipeable feature.
Any desired pattern can be given.

**Surface Preparation and Application**
— The surfaces to be applied must be smooth, solid, dry and free of dust.
— During application, ambient and surface temperature should be between +10 - +35°C.
— Newsan Surface Smoothing Paste should be used for potholes and cracks that need to be filled.
— After applying Newsan interior paint in the desired color, wait 3-4 hours for it to dry.
— After 4 hours, Nouvo Sedef is applied with the desired pattern.

**Application Apparatus**
Satin roller, brush and Decorative Pearl Paint Printing Effect Sponge, Pattern roll

**Application Apparatus**
Application is done with roller and brush.

**Drying time** (25 °C, 50% Relative Humidity)
— Completes touch drying in 2 hours and
— Hard drying in 24 hours.

**Consumption** (Depending on pattern)
15-20 m² / L on one layer

**Thinning**
It is ready for use.

**Packaging**
0,75 L - 2,5 L – 15 L

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Newizolan Primer
(Transparent Primer)

**Product Description**
It is a water-based, transparent primer that can be used as an interior and exterior primer.

**Application Areas**
— Exposed concrete, plasterboard, plaster, putty etc. It is used on building elements. It can be used for partial insulation purposes. It can be used on old painted surfaces and old plaster surfaces.
— If used before cladding in old buildings, it increases the adhesion strength between the cladding adhesive and the wall. (1/7 ratio when thinned.)

**Advantages**
— It protects and strengthens the surface.
— It increases final coat strength.
— It allows convenient application.

**Application Instruction**

— When diluted with 1/7 of water, it is easily applied with a brush, roller or gun after mixing thoroughly.
— During application and for the following 24 hours, the temperature of the paint environment and the applied surface should be minimum +10°C and maximum +35°C.

**Application Suggestion**
It is recommended to wait 1 day for the application of the final coat of paint.

**Consumption**
60 - 70 gr / 1m² area can be painted. (When thinned by 1/7)

**Thinning**
— It is thinned with water.
— In exterior applications; 1 lt; 7 lt. water In
— interior applications ; 1 lt; 7 lt. as water.

**Paintable Area**
— 10-13 m² with 0.75 lt.
— 35-45 m² with 2.5 lt.
— 110-125 m² with 7.5 lt.
— It can be painted in a single layer of 220-250 m² with 15 lt.

**Packaging**
0.75 - 2.5 - 7.5 - 15 lt. PE bucket

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Exterior
# Water-Based Silicone Paint

**Product Description**
It is a styrene copolymer emulsion based, silicone matte finish exterior paint.

**Application Areas**
It is applied to exterior surfaces such as black plaster, plaster, gypsum plaster, mineral plaster and old painted surfaces.

**Advantages**
- It is water based and has high breathability.
- It has a matte and smooth appearance.
- Since it does not contain solvents, it does not smell and does not harm human and environmental health.
- It does not cause blistering or shedding.

**Application Instruction**
- The application surface must be cleaned from all kinds of oil, dirt, loose and swollen layers.
- In glassy and shiny textures, a surface must be created to which the paint can adhere.
- Hairline cracks should be filled with Newsan Surface Correction paste.
- On newly plastered and solid surfaces; Newsan silicone Exterior White Primer should be applied in a single layer.
- On cement-based decorative plaster used in the thermal insulation system; It is necessary to apply Newsan silicone Exterior White Primer.
- Old synthetic-based surfaces should be sanded thoroughly and sanding dust should be removed from the surface. If necessary, Newsan conversion primer should be applied.
- Application tools should be washed with water immediately after use.
- During the application and for the following 24 hours, the temperature of the environment and the surface to be applied should be minimum +10°C and the surface should not receive precipitation.

**Paintable Area**
- 9-11 m² with 3,5 kg
- 25-30 m² with 10 kg
- 50-60 m² with 20 kg.

**Application Apparatus**
Application is done with roller and brush

**Drying Time**
- First drying : 4 hours Second layer
- Application : 12 hours
- Full Drying : 24 hours

**Consumption**
With 1 kg, depending on the application method and the ground, an area of 3 m² can be painted if a primer is used, and an area of 2.5 m² without a primer can be painted.

**Thinning**
At least 24 hours after the application of the primer, it should be applied twice by thinning with water at a rate of 10-15%.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Exterior
# Water-Based Acrylic Paint

**Product Description**
It is a water-based, acrylic copolymer-based, matte finish exterior paint.

**Application Areas**
— It can be used safely after plastering on concrete, aerated concrete, briquette, brick, plaster and similar mineral surfaces.
— It can be applied on old painted surfaces that are in good condition.

**Advantages**
— It is not affected by heavy weather conditions such as rain, snow, humidity, extreme cold or hot.
— It penetrates the surface perfectly. It has a matte appearance.

**Application Instruction**
— The surfaces to be applied should be cleaned of dust, dirt and oil that reduce adhesion, and should be completely cleaned of old and swollen paint layers and made dry, sound and clean.
— Old synthetic-based surfaces should be sanded thoroughly and sanding dust should be removed from the surface. If necessary, Newsan conversion primer should be applied.
— Newsan exterior primer is used on old painted or newly painted mineral-based surfaces.
— Before application, Newsan Water Based Acrylic Paint should be mixed well and applied in 2 layers.
— During the application and for the following 24 hours, the temperature of the environment and the surface to be applied should be minimum +10°C and the surface should not receive precipitation.
— Application should not be made in very hot weather, strong winds, fog, high relative humidity or weather where precipitation is expected.
— Extremely hot surfaces should be moistened before application.
— Application tools should be washed with water immediately after use.

**Paintable Area**
— 9-11 m² with 3.5 kg
— 25-30 m² with 10 kg
— 50-60 m² with 20 kg

**Application Apparatus**
Application is done with roller and brush

**Drying time** (20 °C, 50% Relative Humidity)
— First drying : 4 hours
— Second layer Application : 12 hours
— Full Drying : 24 hours

**Consumption**
With 1 kg, depending on the application method and the ground, an area of 3 m² can be painted if a primer is used, and an area of 2.5 m² without a primer can be painted.

**Thinning**
At least 24 hours after the application of the primer, it should be applied twice by thinning with water at a rate of 10-15%.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# SIL-STAR
# **Silicone** Exterior Wall **Paint**

**Product Description**
It is a water-based, high-coverage, silicone exterior paint that is easy to apply thanks to its superior spreading power.
It is an exterior paint with stain-resistant and water-repellent properties.

**Areas of Use**
It is applied on plastered surfaces, concrete, exposed concrete, chipboard, plasterboard and old painted surfaces.

**Advantages**
— High stain resistance,
— Full Wipe ability,
— Environmentally friendly,
— High coverage area.

**Preparation of the Surface**
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— The surface to be applied should be dry and clean without moisture.

**Application Instruction**
— It should be applied to clean, dry and smooth surfaces whose sub-surface treatments have been completed (Newsan Surface Correction Paste - and Newsan Silicone Exterior Primer have been applied).
— It must be diluted according to the dilution rate written on the packaging and made homogeneous by mixing.
— The area ready for application is first trimmed with the help of a brush. Then min. Topcoat paint is applied in 2 layers with a suitable roller.
— Ambient temperature and surface temperature must be between +10 °C - +35 °C.
— In application, care should be taken to ensure that the roll movements are in one direction.
— 2-4 hours should be waited between application layers, depending on the ambient temperature.
— Care should be taken to avoid overlapping during shortcuts.

**Paintable Area** (on one floor)
— 20-25 m² with 3.5 kg
— 60-70 m² with 10 kg
— 120-140 m² with 20 kg

**Thinning**
It is recommended to apply two coats by thinning at most 8-10%.

**Consumption** (on one floor)
6-7 m² area with 1 kg can be painted.

**Application Tools**
With roller, brush, gun (when thinned 10%)

**Drying Time**
Waiting time between layers is min. 2 hours.
The complete drying time is min. 24 hours.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Exterior **(Texture)** Grainy Paint

**Product Description**
It is an acrylic based, matte, grainy texture top coat exterior paint with excellent covering power.

**Application Areas**
It can be used safely on concrete, plaster and similar mineral surfaces.

**Advantages**
— It is resistant to moisture and water.
— It is extremely resistant to the negative effects of sunlight and salty moisture on the seacoast.
— With its ability to breathe, it allows the moisture in the wall to be exhaled.

**Application Instruction**
— The application surface should be cleaned of all kinds of oil, dirt, loose and swollen layers, and a surface with glassy and shiny textures should be created where the paint can adhere.
— Hairline cracks should be filled with Newsan Surface Correction Paste.
— Newsan Silicone Exterior Primer should be applied in a single layer on plastered, new and solid surfaces.
— Application should be made at least 24 hours after priming.
— It is recommended to apply in a single layer without thinning.
— The product is transferred to the surface with a fleece roller and a pattern is given with a coral roller.
— Application should be avoided in rainy, humid, extremely windy and hot weather.
— Air temperature and ground temperature should be between +10°C - +35°C.

**Paintable Area**
— Depending on the surface in the application;
— Depending on the pattern thickness, 0.8-1 m² of area is painted with an average of 1 kg.
— The consumption rate in 1 m² is 1.30-1.35 kg. Consumption may vary depending on the surface and pattern.

**Application Apparatus**
It is applied by roller; pattern is given by coral roller.

**Drying time** (25 °C / 50% Relative Humidity)
First drying : 2-4 hours
Full Drying : 18-24 hours

**Consumption**
Depending on the surface and pattern in a single layer; 15-20 m² area is painted with 20 kg

**Thinning** (if deemed necessary)
It is recommended to apply with a maximum of 5% thinning.

**Packaging**
20 kg. PE Bucket

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Exterior **Silicone Primer**

**Product Description**
It is a water-based, silicone primer that can be applied under exterior coating materials.

**Application Areas**
— It is used as a primer on all kinds of surfaces before painting such as concrete, plaster, plaster putty.
— It should be used on very absorbent mineral-based surfaces and before paint applications for the first time.

**Advantages**
— It penetrates perfectly into the surface, ensuring that the surface is filled evenly.
— It reduces the consumption of finish paint by 15-20%.

**Application Instruction**
— The surfaces to be applied should be cleaned of dust and dirt.
— During application, the surface and ambient temperature should be between +10°C - +35°C.
— As a Paint Primer, it can be easily applied to both newly painted surfaces and old painted surfaces.
— It distributes homogeneously over the surfaces, ensuring perfect adhesion of the new paint on the surface.
— Old synthetic-based surfaces should be sanded thoroughly and sanding dust should be removed from the surface. If necessary, Newsan conversion primer should be applied.
— Cracks on the surface must be filled and the surface smoothed.
— All water-related isolation precautions must be taken for the application surface.
— Application tools should be washed with water immediately after use.

**Paintable Area**
Depending on the surface on one layer;
— 18-20 m² with 3.5 kg
— 50-55 m² with 10 kg
— 100-110 m² area with 20 kg can be painted.

**Application Apparatus**
Application is done with roller and brush.

**Drying Time**
— First drying: 1-2 hours
— Paint application: 6 hours
— Full Drying: 18-24 hours

**Consumption**
Depending on the application method and the floor, with 1 kg, 5-5,5 m² area can be painted in a single coat in one coat

**Thinning**
Dilute 15-20% with water.

**Packaging**
20 / 10 / 3.5 kg. PE Bucket

**Storage**
It can be stored for 2 year in unopened packaging, in a cool place, protected from direct sunlight and frost.


# Decorative Plaster Coating Primer

**Product Description**
It is a styrene acrylic copolymer based, white colored primer for wood, chipboard, plywood and metal surfaces.

**Areas of Use**
— It is used before coating applications
— On thermal insulation systems.

**Advantages**
— It creates a special adhesion between the application surface and Newkim Decorative Plaster.
— It reduces the water absorbency of the surface.
— Easy and practical application
— Provides high adherence strength.

**Preparation of the Surface**
— The surfaces to be applied should be free of all kinds of pollution and dry.
— If the interior or exterior is previously covered with a solvent-based paint, this surface must be sanded and the paint layer on the surface must be removed.

**Application Details**
— Newsan Decorative Coating Primer is applied directly with brush or roller applications on interior or exterior surfaces that are emulsion-based painted or that will be applied for the first time.
— It should be waited for the setting time of cement-based surfaces to be completed.
— Mix before application.
— After applying Newsan decorative plaster coating primer, Min. It is applied after 24 hours.

**Thinning**
When necessary, it is diluted with water by 10-15%.

**Color**
White

**Consumption**
Depending on the application and depending on the floor, 200-250 gr / m² area can be painted in one coat.

**Packaging**
15 kg. PE Bucket

**Shelf Life**
2 year from the date of production in drought and dry environments.

**Application Requirements**

— The ambient temperature should be between +10°C and +35°C.
— Stir before application.
— Do not apply on very hot surfaces with plenty of breeze or direct sun.

**Application Tools**

Brush, Roller, Spray

**Warnings & Suggestions**

— Foreign materials must not be added.
— The amount of consumption indicated may vary depending on the surface and application conditions.
— It must be stored in a cool and dry environment.
— Notch may be required to check the adherence of previously painted surfaces.
— One day before the application of decorative coating and one-layer application should be done.


# Lux Synthetic Paint

**Definition**
It is an alkyd resin-based, luxury synthetic paint with high hiding power and brightness

**Areas of Use**
It can be used safely on interior and exterior wood, iron-steel, concrete, exposed concrete, plaster, betopan, plasterboard, OSB, MDF surfaces and furniture (with a suitable primer).

**Advantages**
— It is resistant to moisture, water and salt water.
— It has excellent adhesion and fast drying properties.
— It prevents possible rust on the surfaces it is applied to.
— It does not contain lead.
— It has superior covering power.
— It has excellent wipeability and surface adhesion properties.

**Application Instruction**
— The surfaces to be applied must be cleaned of oil, dirt, rust and swollen paint residues.
— Before application on old painted walls and wooden surfaces, they must be sanded, the surface must be cleaned and made ready for painting.
— On old painted metal surfaces, the surface should be cleaned of rust with fine sandpaper.
— If there is no sign of rust, the surface should be primed with Newsan lux anti-rust.
— Then painting should be done with Newsan luxury synthetic paint.
— Newly painted wooden surfaces should be primed with Newsan synthetic primer.
— Newsan Antirust should be applied to newly painted iron and steel surfaces.
— Min. between coats in two coat application. You should wait 1 day.

**Specifications**
— 25°C and 50% Relative Humidity
— Structure : Alkyd resin based
— Thinner : Synthetic thinner
— Density : Approximately 1.18 gr/cm³
— Flash Point : 36°C

**Thinning**
— Apply two coats by diluting with 5-10% synthetic thinner to reach the consistency of application with a roller or brush.
— It can be applied in a single layer by airless spraying, provided that it is diluted by 10% with synthetic thinner to create sufficient film thickness.

**Shelf Life**
1 year

**Drying Time**
— Application Temperature: +10°C /+35°C
— Touch dry: 4-5 hours
— Waiting time between coats: 24 hours
— Hard drying: 24 hours

**WARNING:** Drying times may be longer with higher relative humidity and lower temperatures.
Maximum covering is achieved when waiting time is taken into consideration and primer application is made.

**Consumption**

Depending on the type, absorbency and structure of the surface to be applied, an area of 18-20 m² can be painted in a single coat with 1 Liter. (25±5 µm dry film thickness)

**Application Tools**
Brush, roll, spray gun

**Packaging**
0.75 lt. / 2.5 lt. / 15 lt. tin bucket

**Storage**
— It can be stored for 1 year in its unopened package, in a cool and dry place, protected from frost and direct sunlight.
— To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1-2 times.

**WARNINGS AND RECOMMENDATIONS**
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature should be between +10 °C and +35 °C during application.
— Cleaning of brushes and tools after application can be done with Newsan Synthetic Thinner.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.
S 1/2: Keep locked up and out of the reach of children.
S 13: It should be kept away from food, drink and animal feed.
S 20: Do not eat or drink while applying the product.
S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label to healthcare professionals.)
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 53: Obtain special instructions for use before use.
S 56: Dispose of this product and its container at hazardous or special waste collection points.


# Lux Anti Corrosion Paint

**Definition**
It is an alkyd resin-based, lead-free luxury matte paint with high covering and rust prevention properties.

**Areas of Use**
It is applied on iron surfaces indoors and outdoors.

**Advantages**
— It has high covering power.
— It protects the iron surfaces against rust thanks to the pigments in its alkyd and anti-rust anticorrosive structure.
— It adheres perfectly to the surface to which it is applied.
— It does not contain lead.
— It creates a solid, smooth surface and makes the surface to be applied ready for the final layer application.

**Application Instruction**
— The surfaces to be applied should be cleaned from all kinds of pollution such as oil, rust.
— The surfaces to be primed for the first time should be thoroughly sanded, oil and dirt should be wiped with the base soaked in synthetic thinner, rusty surfaces should be cleaned with brush and scraper.

**Specifications** (20 ° C and 65% RH)
— Colors: Gray, Red
— Structure: Synthetic alkyd resin based
— Thinner: Synthetic thinner
— Density: Approx. 1.60 g / cm³ (± 0.1)
— Flash Point: 36 °C

**Drying Time**
— Application Temperature: +10°C / +35°C
— Drying Time Topcoat: 4 hours
— Complete drying: 24 hours
— Touch drying: 4 hours
— Lower temperature and higher relative humidity prolong drying time.

**Thinning**
It is thinned with 5-10% synthetic brush thinner when applied with brush and roller, 10-15% synthetic sprayer.

**Primable Area**
Depending on the application floor with 1 kg, 8-10 m² with 1 kg in one coat. Anti-rust paint can be applied.

**Packaging**
1 kg. / 3 kg. / 20 Kg. Tin Bucket

**Storage**
It is at least 1 year in its original unopened package in a cool and dry environment.
To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1 or 2 times.

**Application Tools**
Brush, roll, spray gun

**Cleaning of Tools**
Application tools should be cleaned with synthetic thinner immediately after use.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.
S 1/2: Keep locked up and out of the reach of children.
S 13: It should be kept away from food, drink and animal feed.
S 20: Do not eat or drink while applying the product.
S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label to healthcare professionals.)
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 53: Obtain special instructions for use before use.
S 56: Dispose of this product and its container at hazardous or special waste collection points.


# Rapid Primer (Primer)

**Product Description**
Solvent-based, matt-looking, quick-drying, weatherproof, industrial paint primer.

**Application Areas**
- All kinds of machine parts, (metal parts).
- Agriculture, home, garden tools, tractor, trailer, ecovat, transformer, auto radiator parts.
- It is used as a primer before barrel, valve, steel cabinet and table painting.
- It adheres well to metal surfaces.
- It is applied under Rapid industrial paint.

**Surface Preparation**
- The surfaces to be applied are cleaned from all kinds of materials that will reduce adherence.
- The surface temperature should be at least +10°C.
- Do not apply on wet and damp surfaces near dew point.

**Application Details**
- The surface to be applied must be cleaned of old paint residues and dirt by rubbing with wire or mechanical means.
- Salt should be removed by water-soluble substances, water washing, steaming or chemical treatment methods.
- Oil residues should be cleaned with alkaline or solvent washing.
- Rust on iron surfaces should be cleaned by wire brush, sanding or sandblasting method.
- Before applying the paint, it should be thoroughly mixed in the box and thinned correctly.
- Application should be performed in environments below +10°C above + 35°C.
- It must be kept away from the flames.

**Application Apparatus**
Airless pistol, paint pistole

**Drying Time**
- Touch drying 15 to 20 minutes
- Hard drying completes in 12 hours

**Consumption**
Approximately 15m² / kg in a single coat.

**Thinning**
It should be thinned with 10-15% Industrial thinner.

**Packaging**
20 kg.

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

**Warnings and Suggestions**
- Application tools should be cleaned with industrial thinner immediately after work.
- Ambient temperature should be between +10°C / +35 °C.
- The temperature of the floor to be applied is between +10°C / +35°C.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.


RM-600
# Rapid Matte Paint

**Product Description**
Solvent-based, matt-looking, quick-drying, weatherproof, industrial paint primer.

**Areas of Use**
— On all metal surfaces
— It is used in the painting of tools such as machinery, agriculture, home, garden tools, tractor, trailer, transformer, auto-radiator parts, barrel, valve, steel cupboard, table etc

**Surface Preparation**
— The application surfaces should be cleaned from all kinds of materials, dirt, rust and oil that will reduce adherence.
— If necessary, it should be primed with an industrial rapid primer

**Application Details**
— It is applied in two coats directly on metal or primed surfaces.
— The second coat application should be made at least 1 hour after the first coat is applied or after the chemical has dried.
— Applying the second coat without completing the chemical drying causes the paint film to wrinkle.

**Thinning**
It can be thinned 10-15% with industrial thinner

**Drying time** (23°C 50% relative humidity)
Completes touch drying in 20-30 minutes and hard drying in 12 hours.

**Consumption**
8-10 m² with 1 kg

**Application Tools**
Paint gun

**Packaging**
20 kg. Tin Box

**Storage**
— It should be stored in closed, protected places in its original packaging, protected from direct sunlight and frost.
— Storage life is 1 year in original.

**Warnings & Suggestions**
— Application tools should be used immediately at the end of the job. It should then be cleaned with industrial thinner.
— During application, the ambient temperature and ground should be between +10°C and +35°C.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.


RP-480
# Rapid Gloss Paint

**Product Description**
It is an alkyd resin-based, solvent-based, quick-drying, glossy industrial paint.

**Areas of Use**
— On all metal surfaces
— It is used in the painting of tools such as machinery, agriculture, home, garden tools, tractor, trailer, transformer, auto-radiator parts, barrel, valve, steel cupboard, table etc.

**Surface Preparation**
— The application surfaces should be cleaned from all kinds of materials, dirt, rust and oil that will reduce adherence.
— If necessary, it should be primed with industrial rapid primer.

**Application Details**
— After the packaging is opened, it is homogenized by mixing thoroughly, preferably with a mixer, and brought to the application viscosity by adding 10-15% Industrial Thinner at the specified rate.
— Newsan Rapid Paint is applied directly on the metal or on the surface primed with Newsan Rapid Primer by spraying.
— In order to get good results, it is recommended to apply it to the primed surface.
— Second coat application, Min. It should be done after 1 hour or after the chemical has dried.
— Applying the second coat before the chemical has completed drying will cause the paint film to wrinkle.

**Thinning**
10-15% thinning is done with industrial thinner.

**Drying time** (23°C 50% relative humidity)
— Touch Dry: 20-30 minutes.
— Drying: 1-2 hours.
— Hard Dry: 12 hours

**Consumption**
Depending on the properties of the surface to be painted with 1 kg of paint 8-10 m² area can be painted.

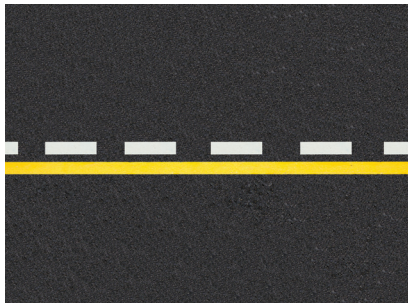
**Application Tools**
Paint gun

**Packaging**
15 kg. Tin Box

**Storage**
— It should be stored in closed, protected places in its original packaging, protected from direct sunlight and frost.
— Storage life is 1 year in original.

**Warnings & Suggestions**
— Application tools should be cleaned with industrial thinner immediately after work.
— Ambient temperature +10°C / +35°C should be between.
— The temperature +10°C / +35°C, of the floor to be applied is between.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

# Newroad
# Cold Road Line Paint

**Product Description**
It is an alkyd resin and chlorine rubber resin based, solvent based, matt appearance, quick drying, high UV resistance, impact resistant road marking paint.

**Areas of Use**
— It is used in marking of road lines on asphalt surfaces,
— In painting paving stones and car park marking.
— If it is to be used on concrete surfaces, the concrete must have been poured at least 1 month before application.

**Advantages**
— It has high adhesion strength.
— It is quick to dry and resistant to friction.
— It does not change color.

**Application Details**
— Before applying Newsan road marking paint, the surface area must be cleaned of gravel, dirt, dust, etc. must be cleared of materials.
— Care should be taken to ensure that the surface is completely dry.
— When painting paving stones, first the missing parts should be corrected and the broken stones should be repaired.
— When marking road lines, application should not be made on loose ground or worn aggregate surfaces.
— Application should be made on a clean and dry asphalt surface, provided that the temperature of the environment and the asphalt is minimum +10ºC and the relative humidity is maximum 10%, in environmental conditions without rain or breeze.
— The product should be protected from pedestrian and vehicle traffic before it has completed its hard drying (45 minutes at 25ºC).
— In order to ensure road safety during night vision, glass beads should be applied by throwing them on the paint 1 minute after applying it to reflect the incoming light at the right angle. In this way, it continues its reflective function over time and the road lines take on a bright appearance.
— During application and until the products are fully dried, care should be taken to ensure that the ambient and surface temperature is between +10°C and +35°C.

**Drying Time**
Touch drying;
— It completes in about 15 minutes.
Final drying (opening time to traffic);
— Approximately minimum 60 minutes.
(Drying times may be longer with higher relative humidity and lower temperatures).

**Thinning**
— It should be thinned with industrial thinner or road line thinner.
— The thinning rate is 5-10%.

**Consumption**
— Depending on the type, absorbency and structure of the surface to be applied,
— 600-700 gr/m2 area can be painted on one layer for a dry film layer thickness of about 500 µm.
— A controlled sample study should be carried out for precise consumption.

**Flash Point**
<23ºC

**Packaging**
5 kg-20 kg tin bucket

**Storage**
— In its unopened packaging, it can be stored (1 year) in a cool and dry place, protected from frost and direct sunlight.
— To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1-2 times.

**WARNINGS AND RECOMMENDATIONS**
— Application tools should be cleaned with industrial thinner immediately after work.
— Ambient temperature should be between +10 °C /+35 °C during application.

**WARNING:** It should not be used on polished concrete, the surface of which has been corrected with a helicopter polishing machine, and on surfaces that previously had an epoxy coating. It is recommended to wipe the surface.

**Technicial Specifications** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Resin Type | Alkyd |
| Colour | Yellow, White |
| Brightness | Mat |
| Brightness (60°) | 4-6 Gloss |
| Solids (By Weight) | 60±2 |
| Viscosity (25°C. KU) | 95±5 |
| Density (g/ml) | 1.55±0.05 |
| Flash Point | 21°C |
| Drying Times | At 23±2°C and 50% relative humidity conditions |
| Tap Time | 10 minutes |
| Dust Free Drying | 15 minutes |
| Waiting Between Floors | 15 minutes |
| Hard Drying | 30-60 minutes |


# EPO 400
# Epoxy Paint (Solvent Based)

**Product Description**
Solvent-based, double-component, epoxy topcoat paint used on concrete floors and metal surfaces.

**Application Areas**
— It adheres perfectly to sheet metal, galvanized, aluminum, concrete and mineral surfaces.
— It is used on all kinds of metal and mineral surfaces exposed to water, seawater, chemicals and abrasion.
— Its performance is very good in general industry, machine manufacturers, metal protection and marine applications.

**Advantages**
— It has an excellent covering.
— It is applied by brush or roller.
— It should not be thinned except at specified rates.

**Application Instruction**
— The surfaces to be applied should be cleaned of any substance that will reduce adherence.
— Metal surfaces should be sandblasted to at least Sa2 ½ degree and primed with Epoxy Primer within 6 hours at the latest.
— After the primer has dried (12-24 hours later), the final coat application begins.
— After the final coat paint is mixed with the hardener in the specified proportions, 5 minutes should be waited for the preliminary reaction before application.
— The surface temperature must be at least +10°C.
— Application should not be made around the dew point.
— Application is not made on loose soils.
— If the application floor is concrete, it should have been done at least 1 month ago.

**Paintable Area**
600-800 gr/ m²

**Application Apparatus**
Brush, roll, airless

**Drying Time** (55% (± 5 °C) at 23 °C (± 2 °C)
— Hardening; In 12 hours
— Full drying; 4-6 days

**Consumption**
600-800 gr / m2 (minimum 2 layers, excluding lining)

**Thinning**
2-5% (when required) with epoxy thinner or cellulosic thinner

**Packaging**
20 Kg. (17.5 kg paint + 2.5 kg. hardener)

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

**Note**
It is not applied on sun-exposed surfaces. It has no resistance to sun and UV rays. It is not applied to old painted surfaces (water-based, plastic, oil paint, etc.).


EPO-P

# Orange Peel Appearance Epoxy Paint

**Product Description**
It is a double-component, epoxy-based, solvent-based topcoat coating material with anti-slip properties thanks to its orange peel pattern roughness.

**Application Areas**
— It is applied on metal and concrete surfaces. (With epoxy primer)
— On industrial floors, warehouses,
— In the coating of loading / unloading areas,
— It is applied as a rough finish coat in parking lots and service areas.

**Advantages**
— It is suitable for pedestrian traffic.
— It is possible to repair.
— Increasing friction reduces vehicle braking distance. This makes it ideal for indoor car parks.

**Application**
— Hardener is added to the main material.
— It is mixed with a low speed mixer for 5 minutes until a homogeneous mixture is obtained.
— Prepared mixture is applied with a roller and a pattern is made with a coral roller.

**Application Apparatus**
Roll, coral roll

**Drying Time**
Hardening; 12-24 hours
Complete drying: 4-6 days

**Consumption**
0.5 - 0.6 kg. / m² in a single coat

**Thinning**
It is ready for use.

**Packaging**
20 Kg. (17.5 kg resin + 2.5 kg. hardener)

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

**Warnings & Suggestions**
— Application tools should be cleaned with industrial thinner immediately after work.
— Ambient temperature should be between +10°C / +35 °C.

**Hazard Warnings**
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

**Note**
It is not applied on sun-exposed surfaces.
It has no resistance to sun and UV radiation.
It should be applied over Newsan solvent-based epoxy primer.


# Solvent Based Epoxy Primer

**Product Description**
It is a solvent-based, double-component, epoxy paint primer used on concrete floors and metal surfaces.

**Application Areas**
— It creates a solid smoothness for the paints to be applied on it, with a two-component reaction drying epoxy resin based and high filling strength cured with polyamide hardener.
— It has good adhesion property.
— It is used in areas where high corrosion resistance is required for lining all kinds of metal and mineral surfaces exposed to water, seawater, chemicals and abrasion.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.

**Advantages**
— It adheres well to light metals, sheet metal surfaces and concrete.
— It creates a smooth surface for all kinds of air and oven-dried finishes to be applied on.
— It is used before topcoat paints such as epoxy, polyurethane and oil paint.

**Application Instruction**
— The surfaces to be applied are cleaned from all kinds of materials that will reduce adherence.
— Metal surfaces should be sandblasted and primed with Epoxy Primer within 6 hours at the latest.
— 7 parts of Epoxy Primer and 1 part of Epoxy Primer Hardener are mixed. Wait for 5 minutes.
— It is thinned by 10-15% with Epoxy Thinner or cellulosic thinner depending on the surface and ambient temperature to be applied.

**Paintable Area**
Depending on the application, 200-250 gr / m² (single layer) area can be covered.

**Application Apparatus**
Brush, roll, airless

**Drying Time** (55% (± 5 °C) at 23 °C (± 2 °C)
— Touch drying depending on thickness; 5-6 hours.
— You should wait at least 12-24 hours to apply a coat on it.
— It reaches its mechanical resistance in 4-6 days.

**Consumption**
200-250 gr / m² (single layer)

**Thinning**
10 -15% epoxy thinner or cellulosic thinner should be used for thinning.
Mixture 17.5 kg. Epoxy Primer + 2.5 Kg. Epoxy Primer Hardener

**Packaging**
20 Kg. (17.5 kg paint + 2.5 kg. hardener)

**Storage**
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

**Note**
It is not applied on sun-exposed surfaces. It has no resistance to sun and UV radiation. It is not applied to old painted surfaces (water-based, oil paint).


# Solvent Free Epoxy Topcoat Paint

**Product Description**
It is an epoxy resin based, double-component polyamide hardener, solvent free top coat paint.

**Application Areas**
— It creates a solid epoxy base for solvent-free paints to be applied on it.
— It has good adhesion properties.
— It is used as a primer in areas where high corrosion resistance is required for lining all kinds of metal and mineral surfaces exposed to water, seawater, chemicals and abrasion.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
— It provides high performance in schools, hospitals, production areas, food production areas, pharmaceutical factories, indoor parking lots and shopping malls. (Indoor parking lot, shopping mall, etc.)

**Advantages**
— It does not contain solvents.
— It can be applied in areas such as hospitals, laboratories and schools.
— It is suitable for use in drinking water tanks.
— Since it does not produce bacteria and viruses, it is suitable for use in the food and healthcare industry.

**Application Details**
— It is used for pre-paint priming of surfaces such as metal, concrete.
— 12 kg epoxy primer is added to 6 kg hardener and it is waited for 2 minutes. And then, it is applied. Sandblasting should be applied after the primer is pulled with a steel trowel. (Quartz sand or silica sand can be used.)

**Application Apparatus**
Steel trowel

**Thinning**
It is ready for use.

**Drying Time** (50% /±5 °C) at 25 °C (± 2 °C)
— Aspect: Transparent
— Drying Temperature: 50% relative humidity at 25°C
— Drying Time: 24 hours
— Touch Time: 4 hours (min.)
— Mechanical Resistance: 7-8 days

**Paintable Area**
200-250 gr / m² (Consumption varies according to the application thickness or surface smoothness.

**Packaging**
12+6 kg (18 kg Set)

**Shelf Life**
1 year from the date of production in drought and dry environment.

**Note**
It is not applied on sun-exposed surfaces.

**Application Requirements**

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.

**Warnings & Suggestions**

— It is not applied on sun-exposed surfaces.
— It has no resistance to sun and UV radiation.
— Epoxy, oil, polyurethane paint can be applied on it. (solvent free)
— Foreign materials must not be added.
— It is not applied to old painted surfaces (plastic, oily etc.).


# Solvent Free Epoxy Intermediate Paint

**Product Description**
It is an epoxy resin based, double-component, polyamide hardener, solvent free epoxy intermediate coat paint.

**Application Areas**
— It creates a solid base for solvent-free epoxy paints to be applied on it.
— It has good adhesion properties.
— It is used as an intermediate coat in areas where high corrosion resistance is required, in priming all kinds of metal and mineral surfaces exposed to water, sea water, chemicals and abrasion.
— It adheres perfectly to galvanized and aluminum and concrete surfaces.
Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
— It provides high performance in schools, hospitals and production areas. (Indoor parking, Shopping malls)
— It is used in food production areas and pharmaceutical factories.

**Advantages**
— Solvent free,
— Mechanical, physical and chemical resistance is high.
— Since it does not produce bacteria and viruses, it is suitable for use in the food and healthcare industry.

**Application Surfaces**
— It is applied with a steel trowel on a surface coated with a solvent free epoxy primer and sandblasted.
— 4 kg hardener is added to 16 kg intermediate layer and mixed for 2 minutes. Then, it is started to be applied with a steel trowel.

**Application Apparatus**
Steel trowel

**Thinning**
It is ready for use.

**Paintable Area**
800-1000 gr / m² (Consumption varies according to the application thickness.

**Drying time** (20 °C, 50% Relative Humidity)
— Appearance : Gray
— Touch Time : 2 hours (min.)
— Drying Time : 24 hours
— Mechanical Resistance: 7-8 days

**Packaging**
16+4 kg (20 kg Set)

**Shelf Life**
1 year from the date of production in drought and dry environment.

**Note**
It is not applied on sun-exposed surfaces.

**Application Requirements**

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.

**Warnings & Suggestions**

— It is not applied on sun-exposed surfaces.
— It has high resistance against sun and UV radiation.
— Foreign materials must not be added. After application, all tools used should be washed with water before drying.
— It is not applied to old painted surfaces (plastic, oily etc.).


# Solvent Free Epoxy Primer (Transparent)

**Product Description**
It is an epoxy resin based, double-component, polyamide hardener, solvent free epoxy intermediate coat paint.

**Application Areas**
— It creates a solid base.
— It has good adhesion properties.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
— It is used in schools, hospitals and production areas, food production areas and pharmaceutical factories and provides high performance. (Indoor parking, Shopping malls)

**Advantages**
— Solvent free,
— Mechanical, physical and chemical resistance is high.
— It can be used in drinking water tanks.
— Since it does not produce bacteria and viruses, it is suitable for use in the food and healthcare industry.

**Application Surfaces**
— It is applied as topcoat paint on solvent-free epoxy primer and / or solvent-free epoxy interlayer applied on surfaces.
— 17 kg of hardener is added to 3 kg of paint, mixed for 2 minutes, and then applied with a steel trowel

**Application Apparatus**
Steel trowel

**Thinning**
It is ready for use.

**Packaging**
17+3 kg (20 kg)

**Drying Time** (50% /±5°C at 23°C/±2°C)
— Appearance: Colored
— Touch Time: 2 hours (min.)
— Drying Time: 24 hours
— Mechanical Resistance: 7-8 days

**Paintable Area**
800-1000 gr / m² (Consumption varies according to the application thickness

**Shelf Life**
1 year from the date of production in drought and dry environment.

**Application Requirements**
The ambient temperature should be between +10 °C and +35 °C.
Application in very humid and / or very hot weather should be avoided.
It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

**Warnings & Suggestions**
It is not applied on sun-exposed surfaces.
It has no resistance to sun and UV radiation.
Foreign materials must not be added.
It is not applied to old painted surfaces (plastic, oily etc.).

**Note**
It is not applied on sun-exposed surfaces.


# Floor Paint

**Definition**
Alkyd resin and chlorinated rubber resin-based, quick-drying floor paint with maximum resistance to external conditions, impact, friction, and abrasion thanks to its especially improved chemical structure.

**Advantages**
— Does not require extra labor.
— Easy to Apply.
— It is a far more cost-effective product than epoxy systems, which can harden by drying quickly due to resin chemistry.
— It is a one-component, long-lasting floor covering, coloring, and protection paint.

**Areas of Use**
— Can be easily applied with a roller, brush or pistol on asphalt, concrete (polished or rough concrete surface), paving stone, brick stone, etc.
— This product, which has high elasticity, excellent adhesion, wear, and friction resistance, is not affected by UV rays or weather conditions.
— Covers small capillary cracks in the floor.
— Does not allow water to pass beneath the surface to which it is applied.
— Has a quick drying ability. In 1-4 hours, you can open the area of application to pedestrian or vehicle traffic.
— Provides resistance against salt water and chemicals.
— Does not cause dusting or slippage on the surface to which it is applied.
— Has been designed specifically for covering, protecting, coloring, and marking the floors of areas such as factory floors, aircraft hangars, indoor and outdoor car parks or terraces of residences, workplaces, and shopping malls, car wash and carpet washing facilities, school fields, sports fields, auto industry floors, fuel station floors, warehouse and warehouse floors, logistics areas floors, and areas exposed to pedestrian and vehicle traffic, and many others.
— Becomes resistant to impact and friction effects induced by all sorts of wheeled vehicles and pedestrian traffic after curing. It has been designed and improved to withstand the wear and impact caused by the usage of stacking devices such as Forklifts and Pallet jack in Warehouses, Factories, and Logistics areas.

**Surface Preparation**
— Before applying Floor Paint, ensure that the floor is completely dry, clean, and self-supporting.
— Floor cleaning should be done by sweeping as much as possible or by air spraying dust and particles away.
— Washing with water should be avoided before application.
— Because, even if the water on the surface dries after washing, it will greatly threaten the adhesive ability of the paint after application, especially since the moisture processed into the concrete may dry out later, which will go unnoticed. On cement-based surfaces with freshly poured screed and/or concrete, a setting (curing) period of at least 3 weeks (21 days) is to be expected.

**Terms of Application**
During application, ground and ambient temperature should be between +10°C and +35 °C

**Application Tools**
Brush, roller, paint blower

**Consumption**
0,300-0,400 g/m2 (20 kg bucket, an average area of 50-70 $m^2$ is applied in double layers.)
1.0-1.5 kg/m2 (500-micron dry film thickness, with road marking machine.)

**Packaging**
20 kg. Tin box

**Shelf Life**
It can be stored in a moisture-free and dry environment for 1 year from the production date.

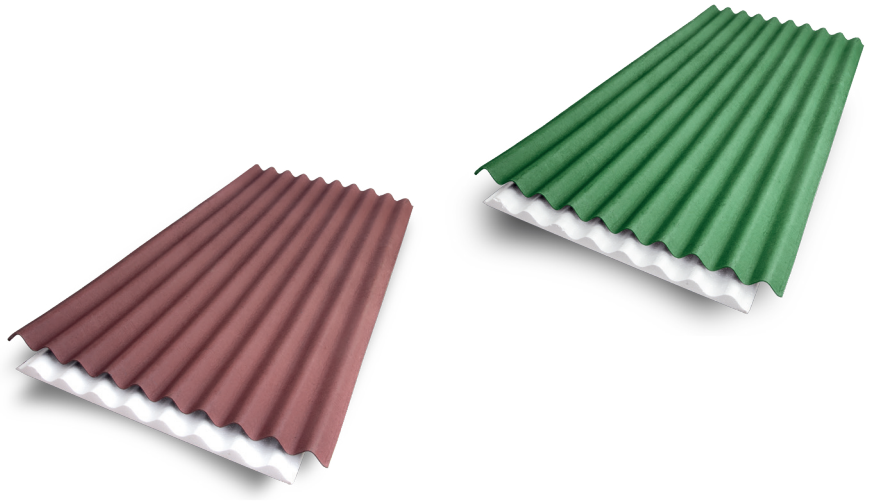
**Warnings & Suggestions**
If there are any oil or petroleum-derived stains or patches on the floor, they should be cleaned with cellulosic thinner.
Never use synthetic thinner or cleaning chemicals. On the floor to be applied, there should be no previously applied water-based paint, floor curing, or floor chemicals that we cannot identify.

**Technical Data** Technical information; Based on a relative humidity environment of 55% (±5°C) at 23°C (±2°C).

| | |
|---|---|
| Viscosity | 84-88 KU (according to seasonal conditions) |
| Intensity | 1,5700 gr/cm3 |
| KMM (%) | 60 |

# NEWOLINE
## ROOFING

Corrugated roof and facade coating plates



# Newoline Roof and Facade Siding

**Product Description**
Bitumen-impregnated organic fiber sheets.

**Areas of Use**
Industrial, rural, commercial buildings, individual and public housing.

**Application Surfaces**
— Roofing,
— Facade siding,
— Other areas.

**Advantages**
— It is a roof and facade siding material manufactured as a durable, water impermeable and aesthetic material.
— Our sheets are easy to carry and apply due to their light structure.
— With our Newoline roof and siding sheets, the value of your constructions increases and protects your structures due to their longevity.
— Your roofs covered with Newoline mean long-lasting, aesthetic, waterproof and soundproof living space.
— It can easily be applied to flat or sloping roofs.

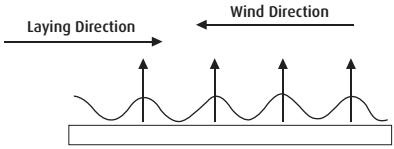
**Features**
**Easy Application**
— Thanks to its lightweight and flexible feature, Newoline boards can be easily transported on the roof where the application will be made.
— Curved knife, nails and hummer are enough to cut the product to the desired size and to make the application.
— Newoline boards are a product that can be applied to garages, gardens, industrial and rural areas and your roofs.

**Lightness**
It is very light for old or new roofs with a weight of only 3.5 kg/m². It is easy to carry.

**It's Waterproof.**
Newoline boards are produced in accordance with climatic conditions.

**Resistance**
— Newoline boards are produced in accordance with climatic conditions.
— It is produced from the combination of bitumen impregnated organic fiber and a newly developed special resin.
— Thanks to the special method we developed, Newoline boards have been made much more durable.

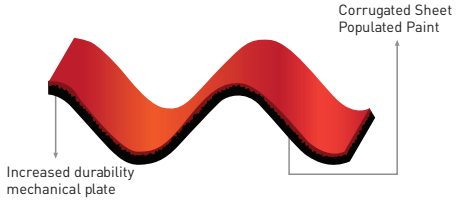
**Application Principles**
— Covering boards are suitable for roof types with reinforced concrete plates, steel profiles, without thermal insulation or with insulation.
— It is easy to apply.
— It's easy to cut and move.
— It can be easily applied on flat or curved surfaces, steep roofs with more or less slope.
— It can be applied to building facades.



| | | |
|---|---|---|
| Width (W) | TS EN 534+A1 | 970 mm (2%) |
| Length (L) | TS EN 534+A1 | 2000 mm (+1.0% to -0.2%) |
| Thickness (e) | TS EN 534+A3 | 3 mm (±10%) |
| Groove Height (H) | TS EN 534+A4 | 35 mm (±6%) |
| Groove Step (p) | TS EN 534+A5 | 10 mm (±3%) |
| Deviation of Edges from Suture | TS EN 534+A6 | E: not more than 4 mm / m |
| Bending Under Vertical Load Effect | TS EN 534+A7 | For category R ↖1400 N/m² |
| Impact Resistance | TS EN 534+A8 | For category R: 400 mm |
| Bitumen Ratio | TS EN 534+A9 | ≥40% |
| Thermal Expansion Coefficient | TS EN 534+A10 | <100 x 10-6 1/K |
| Mass Amount | TS EN 534+A11 | A plate weight is 6.5 kg. (+10%) |
| Fire Response Class | TS EN 13501-1 | E |
| Packaging | 350 SHEETS / PALLET / 250 SHEETS / PALLET | |
| Colors | RED, GREEN, BROWN, BLACK | |

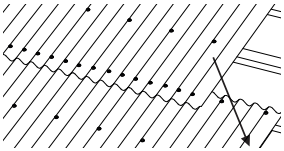
## System Description

— Newoline boards are organic fiber sheets impregnated with bitumen, and their strength is increased with groove geometry.
— It is produced for use in all conditions and climates with the special resin used in conjunction with the paint layer.



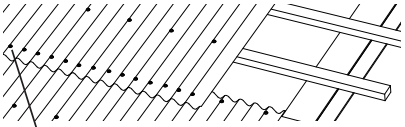

## Application Principles

Basic application areas to be used in all slopes and building systems;



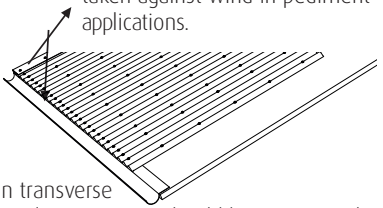
In successive rows, half plate lap should be made,

the second row should be started with a half plate.



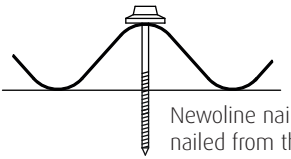
n longitudinal overlays, a nail should be inserted into each groove, and two plates should be held together.

Necessary precautions should be taken against wind in pediment applications.

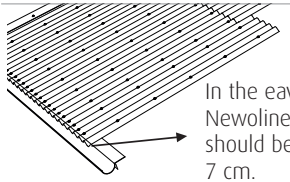


In transverse overlays, a groove should be set to overlap, and the nails should be nailed to the plates suddenly.

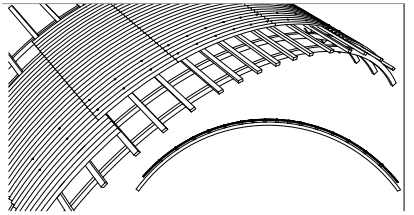
Newoline boards should be applied in the opposite direction of the prevailing wind.



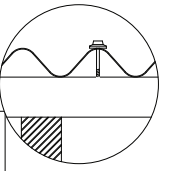
Newoline nails should be nailed from the top of the groove.

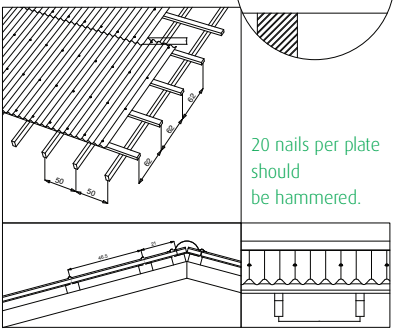


In the eaves, the Newoline plate should be free 7 cm.



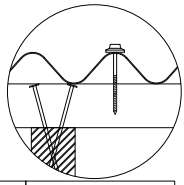
If the slope is 21% and above; Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Wood Purline Galvanized Plastic-Headed Mono-bloc Nail; 8 cm Wooden Rafter

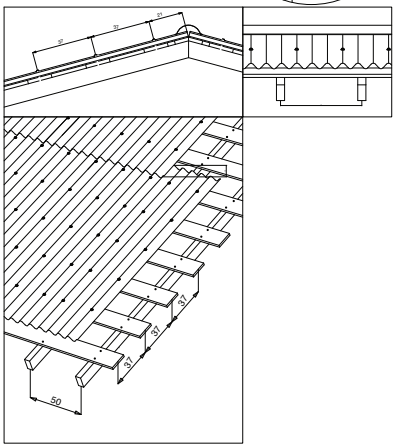


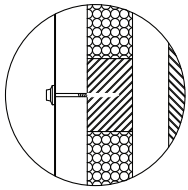



20 nails per plate should be hammered.

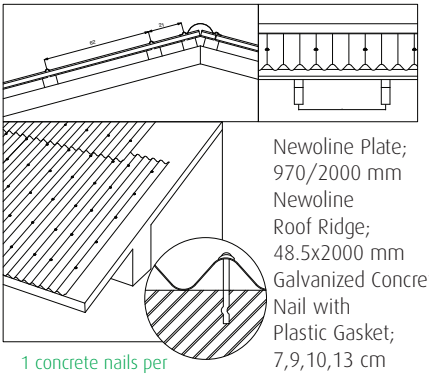
If the slope is 21% and above; Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm
Wood Purline; 5/8 Galvanized Plastic-Headed Mono-bloc Nail; 8 cm Wooden Rafter







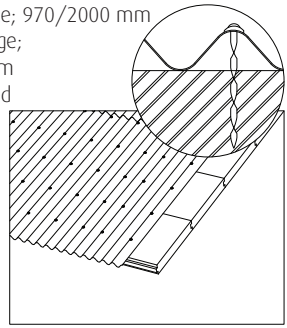
Newoline Plate; 970/2000 mm 5/5 Dial Plate
Glass Wool d-8 cm. polystyrene foam; d-5 cm. Galvanized plastic capped mono-block nail 8 cm.



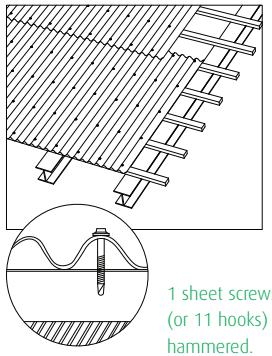
Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Galvanized Concrete Nail with Plastic Gasket; 7,9,10,13 cm Reinforced concrete roof

1 concrete nails per plate must be hammered.

Newoline Plate; 970/2000 mm Newoline Ridge; 48.5x2000 mm Special twisted nails, Lightweight concrete roof

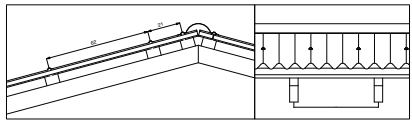


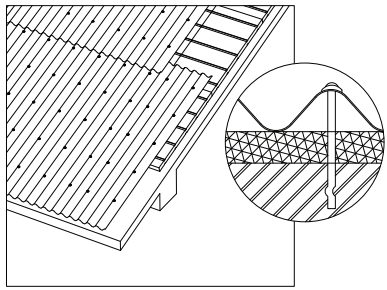
Per plate 11 special twisted nails



Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Steel Purline 40x60 Box profile 6.3x60 drill tipped screw Hook; 18cm

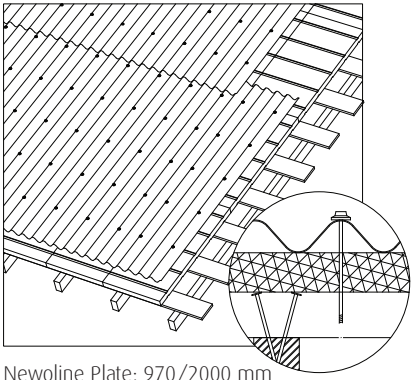
1 sheet screws (or 11 hooks) must be hammered.





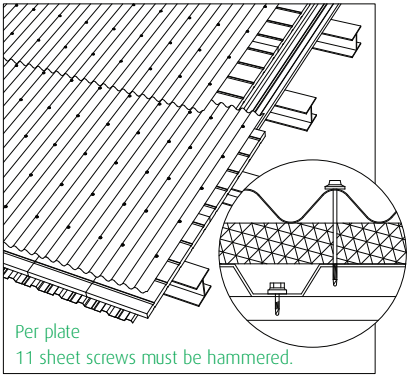
Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm
EPS or XPS
Galvanized Concrete Nail with Plastic Gasket
Reinforced Concrete Roof
Ø; Hole Diameter
X; Hole Depth 40 mm.

11 Newoline concrete nails per plate must be hammered.



Newoline Plate; 970/2000 mm
Newoline Roof Ridge; 48.5x2000 mm
Veneer Board 2/12
Monoblock nail with galvanized plastic cap; 10 cm. EPS or XPS

Per plate 6. 3x22 drill-point screw 20 nails must be hammered.




Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm EPS or XPS
065mm trapezoidal sheet 27/200
6. 3x22 drill-point screw
20 nails must be hammered.
Drill-tipped screw Steel purlin

## Storage & Transport Conditions

- Pallets should never be placed on top of each other, they should be protected from sun and rain, they should be kept indoors.

- During storage, at most two pallets can be placed on top of each other, absolutely three pallets should not be placed on top of each other. Otherwise, the dimensional stability of the bottom palette may change.

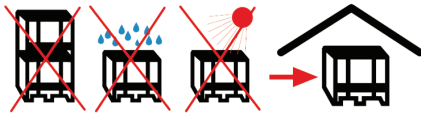
- Certainly no more than two pallets should be moved at once.

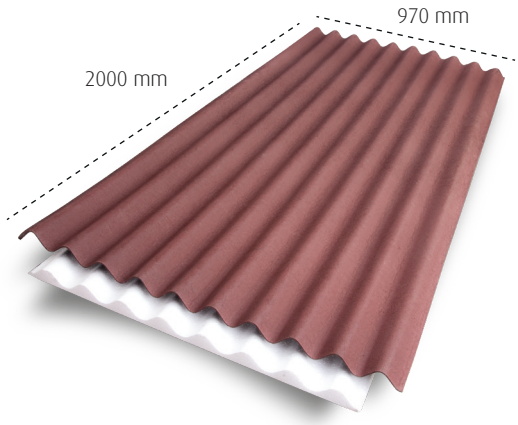
- Pallets with damaged packaging should be stocked in closed environments.

- Sheets should be stored in closed plastic packaging. If not packaged, there may be water leakage.

- Newolin plates should not be stored in open areas that receive rainfall.

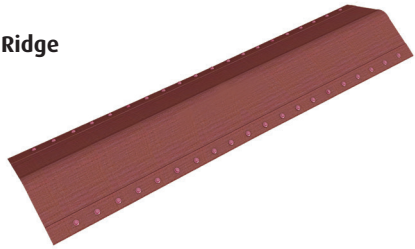
- Sheets should not be dragged during application or transport, should be lifted and moved.




| | | |
|---|---|---|
| **Width (W)** | : | 970 mm (±%2) |
| **Length (L)** | : | 2000 mm (±%1) |
| **Net Coverage** | : | 1.58 m2 (±%2) |
| **Groove Height (H)** | : | 35 mm (±%6) |
| **Number of Grooves** | : | 10 grooves / sheet |
| **packing** | : | 350 sheets / pallet |
| **Thickness (e)** | : | 3 mm (±%10) |
| **Bitumen Ratio** | : | Min. %40 |

**Ridge**



**Aspect** : 48.5 cm x 200 cm

**Quantity** : 0.54 adet / m

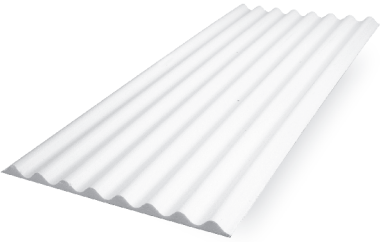
**Packing** : 20 adet paket

**Galvanized Monoblock Nail**

**Diameter** : 3 mm

**Size** : 8 cm / 10 cm

**Packing** : 400 pcs / box



# Newoline Six Corrugated Styrofoam Sheet B1 Class

**Product Description**
It is a thermal insulation material manufactured from Eps Polystyrene (styrofoam) material in Newoline form, ready-to-use plate.

**Advantages**
— Thanks to the Newoline form, it is one-to-one compatible with the material.
— It is 85 × 185 cm in size, making it easy to store, to move to roof and mount.
— Made from 10 Density Eps thermal insulation material.
— Newoline six styrofoam solves the problem of sweating roofs.
— Thanks to thermal insulation, it saves fuel. It absorbs sound and provides insulation.
— It reduces your total roof construction cost at a more affordable price.
— It prevents heat losses that are too much on roofs.
— It creates comfortable spaces.
— It prevents deformities that occur over time
— in your corrugated boards.

**Technicial Specifications**

| | |
|---|---|
| — Form Raw | : Newoline Form |
| — Material Color Density | : EPS (Expande Polystyrene) |
| — Color | : White |
| — Density | : 10 Density |
| — Measure | : 85x185 cm. |
| — Groove Depth: | : 40 mm. |


# Asmolen

**Product Description**
It is a ceiling, floor and filling element with high heat and sound insulation made of polystyrene.

**Advantages**
— Asmolen Styrofoam is light, it does not bring additional weight to the structure.
— It is easy to transport, placement on the deck is fast and effortless,
— It provides heat, sound and impact insulation,
— In a cool and ventilated environment, between the floors,
— In the applied structures, there is no burden on the building, it saves iron and concrete.
— It reduces the cost of building,
— It reduces transport labor by 80%,
— It is applied instead of zero waste,
— EPS POLYSTYRENE reduces the insulation and sound permeability between the floors due to its thermal insulation material,
— The fiber net laid on the mold during the application eliminates the risk of cracking after plastering.

**Ambient**
— Concrete is laid after placing anchors on Newkim EPS Asmolen placed between the transport beams under the concrete.
— The floor is created by laying screed on top of the concrete.
— A thin layer of plaster is applied to the lower surface (ceiling of the lower floor) first.
— A plaster net is placed on top of the plaster.
— Plaster is laid on the net with appropriate qualities.
— Finally, paint is applied to the ceiling.

**Technicial Specifications**
Density; Ranges from 10-20 kg/m³.

**Dimensions;**
— Length: 100 cm.
— Width: 40 cm.
— Thickness; 20-23-25-28-30 cm.

**Storage**
— It should be stored separately from flammable products such as solvent and thinner.
— It should not be exposed to direct sunlight.
— It should not be placed near heat sources


# EPS Thermal Carbon Reinforced

**Product Description**
It is an EPS thermal insulation board developed for wall insulation applications.

**Areas of Use**
Newkim EPS Thermal Insulation Board is a coating product developed for external wall insulation applications.

**Advantages**
— It is manufactured to meet TS EN 13449 (13.11.2006) ETICS requirements.

**Application**
— Newkim Thermal Insulation Adhesive Mortar should be applied all around, paying attention to remain 5 mm from the edges, surrounding the EPS Thermal Insulation Board (Carbon Reinforced).
— 3 large pieces of Newkim Adhesive Mortar should be applied on the middle part point by point.
— It should be noted that 40% of the insulation board is covered with Newkim Adhesive Mortar.
— Adhesive should not be glutted to the joints in order not to act as a conductor.
— Depending on the weather conditions, Newkim Thermal Insulation Board Plastering Mortar can be applied to the adhered thermal insulation boards after 2 days.
— Newkim Thermal Insulation Board (carbon reinforced) should be laid upwards, continuously and obfuscatory starting from the bottom.
— Boards coming from opposite directions should be superimposed on each other at the corners.
— Dowelling should be started after the adhesive is completely dry (24 hours).
— Dowelling should be done in such a way that there is no protrusion on the surface.
— Doweling should be done at least 6 pieces/m². More dowels should be used in the corners and around the windows.
— After doweling the entire surface, plaster application can be started.
— Corner profiles must be used at weak points such as corners and window edges.

**Teknik Özellikler**
— Yoğunluğu (Density); 16 kg/m²
— Boyutları; 1000x500 mm.
Isı İletkenlik Değeri; 0.032 W/mk
— Kalınlık; 2-3-4-5-6-7-8

**Depolama**
— Serin ve havalandırılmış bir ortamda, solvent, tiner vb. yanıcı ürünlerden ayrı olarak depolanmalıdır.
— Doğrudan güneş ışınlarına maruz kalmamalıdır.
— Isı kaynaklarının yakınına konulmamalıdır.


# EPS Thermal

**Product Description**
It is an EPS Thermal Insulation Board developed for external wall insulation applications.

**Areas of Use**
Newkim EPS Thermal Insulation Board is a coating product developed for external and internal wall insulation applications.

— **Advantages**
It is manufactured to meet TS EN 13449 (13.11.2006) ETICS requirements.

**Ambient**
— Newkim Thermal Insulation Adhesive Mortar should be applied all around, paying attention to remain 5 mm from the edges, surrounding the EPS Thermal Insulation Board (Carbon Reinforced).
— It should be noted that 40% of the insulation board is covered with Newkim Adhesive Mortar.
— Adhesive should not be glutted to the joints in order not to act as a conductor.
— Depending on the weather conditions, Newkim Thermal Insulation Board Plastering Mortar can be applied to the adhered thermal insulation boards after 2 days.
— Newkim Thermal Insulation Board (carbon reinforced) should be laid upwards, continuously and obfuscatory starting from the bottom.
— Boards coming from opposite directions should be superimposed on each other at the corners.
— Dowelling should be started after the adhesive is completely dry (24 hours).
— Dowelling should be done in such a way that there is no protrusion on the surface.
— Doweling should be done at least 6 pieces/m². More dowels should be used in the corners and around the windows.
— After doweling the entire surface, plaster application can be started.
— Corner profiles must be used at weak points such as corners and window edges.

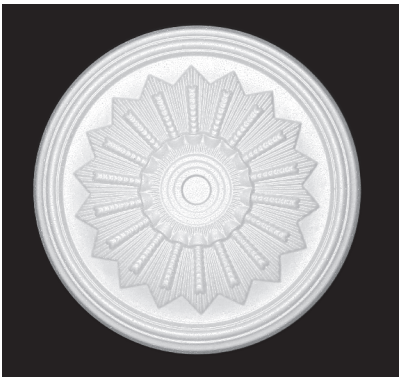
**Technicial Specifications**
— Density; 16 kg/m²
— Dimensions; 1000x500 mm.
— Thermal Conductivity Value; 0.032 W/mk
— Thickness; 2-3-4-5-6-7-8

**Storage**
— It should be stored separately from flammable products such as solvent and thinner in a cool and ventilated environment.
— It should not be exposed to direct sunlight.
— It should not be placed near heat sources.


# Stropier & Papier-Mache Adhesive

**Product Description**
Adhesive used for bonding polystyrene, papier-mache, ceiling core and polyurethane wooden beam.

**Usage Areas**
— EPS Ceiling coating
— EPS Lamp core,
— Stropier corner covering



Our EPS Ceiling Covering, EPS Lamp Core, Stropier Corner Covering products are available at our dealers under the brand Newboard.
We have 7 types of Stropier corner coverings, 4 models of Lamp Core and 5 models of Ceiling coverings.


# C 2000
# APP-based (Plastomeric)
## Fibrocam Carrier Membrane

**Product Description**
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive,
- 60 gr / m² with fibrocam carrier,
- Both sides covered with polyethylene film.

**Areas of Use**
- Raincoats, balconies, flowers, concrete canal interiors and garden terrace as the first floor in two layers insulation,
- Water and steam insulation of wet places.

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
2 mm

**Roll Length**
15 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

| **Technical Specifications** | **Test Name** | Standart | | **Unit** | Measurement Results |
|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 200-300 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 2-2 |
| | Waterproof | TS prEN | 1928 | | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 75 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 2 |
| | Roll Length | TS EN | 11758-1 | m | 15 |
| | Roll Width | TS | 11758-1 | m | 1 |
| | Roll Weight | | | Kg. (min.) | 35 |
| | Bottom-Top Surface | | | | PE/PE |


# C 3000
# APP-based (Plastomeric)
## Fibrocam Carrier Membrane

**Product Description**
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- 60 gr / m² with fibrocam carrier
- Both sides covered with polyethylene film

**Areas of Use**
- Water and steam insulation of wet places,
- Single or double floor insulation for retaining and basement walls,
- As a single or double layer in pressurized groundwater problems,
- As the first layer in secret creek insulation.

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Roll Length**
10 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- Period of time, they should be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

| **Technical Specifications** | **Test Name** | Standart | | **Unit** | Measurement Results |
|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 200-300 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 2-2 |
| | Waterproof | TS prEN | 1928 | | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 75 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 2 |
| | Roll Length | TS EN | 11758-1 | m | 10 |
| | Roll Width | TS | 11758-1 | m | 1 |
| | Roll Weight | | | Kg. (min.) | 34 |
| | Bottom-Top Surface | | | | PE/PE |


# CAL 3000
# APP-based (Plastomeric)
## Aluminum Laminated Membrane

**Product Description**
— Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
— 60 g/m² with Fibrocam carrier
— One side is polyethylene film, the other side is aluminum laminated.

**Areas of Use**
— It is used as second layer in chimney İnsula-
— tions, second layer in dome and Vaulted
— roofs, and second floor in secret creek insulations.

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
3 mm

**Roll Length**
10 mt.

**Storage & Protection**
— The rolls are stocked vertically in a closed environment.
— They should not be exposed to ultraviolet rays and sudden changes in temperature.
— If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
— After application, piercing and cutting should not be done.
— Rolls are not placed on top of each other if they are to be stacked without pallets.
— In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
— The terraces that are visited should be protected by floor covering.

| **Technical Specifications** | **Test Name** | Standart | **Unit** | Measurement Results |
|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN 12311-1 | N/5 cm | 200-300 |
| | Breaking Elongation (Width -Length) | TS EN 12344-1 | % | 2-2 |
| | Waterproof | TS prEN 1928 | | Waterproof |
| | Flow Resistance | TS 11758-1 | °C | 110 |
| | Dimensional Stability | TS EN 1107-1 | % | 0.5 |
| | Cold Shrinkage | TS EN 1109 | °C | -5 |
| | Tear Strength | TS EN 12310-1 | N/5 cm | 75 |
| Dimensions | Thickness | TS EN 1849-1 | mm | 2 |
| | Roll Length | TS EN 11758-1 | m | 10 |
| | Roll Width | TS 11758-1 | m | 1 |
| | Roll Weight | | Kg. (min.) | 33 |
| | Bottom-Top Surface | | | PE/AL |


# P 3000
# APP-based (Plastomeric)
## Polyester Felt Carrier Membrane

**Product Description**
- APP Based (Atactic polypropylene) additive,
- Spun-bond polyester felt carrier 150gr/m² / 180gr/m²,
- Both sides are covered with polyethylene film

- **Areas of Use**
  Single or double layer in water and steam insulation of wet spaces
- As a single or double layer in pressurized groundwater problems
- Single or double layers in rain gutters, balconies, flower beds, concrete canal interiors and garden terraces, water tanks, pond, sewage treatment plants, parking lot, hidden stream insulation.
- Single or double layer for retaining and basement walls insulation
- On terraces and sloping roofs

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
3 mm

**Roll Length**
10 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.

| **Technical Specifications** | **Test Name** | Standart | | **Unit** | Measurement Results | |
|---|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 400-600 | 600-800 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 30-30 | 35-35 |
| | Waterproof | TS prEN | 1928 | | Waterproof | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 | 120 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 | -10 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 100 | 150 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 3 | 3 |
| | Roll Length | TS EN | 11758-1 | m | 10 | 10 |
| | Roll Width | TS | 11758-1 | m | 1 | 1 |
| | Roll Weight | | | Kg. (min.) | 35 | 37 |
| | Bottom-Top Surface | | | | PE/PE | PE/PE |


# P 4000
# APP-based (Plastomeric)
## Polyester Felt Carrier Membrane

**Product Description**
- APP Based (Atactic polypropylene) additive,
- Spun-bond polyester felt carrier 150gr/m² / 180gr/m²,
- Both sides are covered with polyethylene film

**Areas of Use**
- Single or double layer in water and steam insulation of wet spaces
- As a single or double layer in pressurized groundwater problems
- Single or double layers in rain gutters, balconies, flower beds, concrete canal interiors and garden terraces, water tanks, pond, sewage treatment plants, parking lot, hidden stream insulation.
- Single or double layer for retaining and basement walls insulation
- On terraces and sloping roofs

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
4 mm

**Roll Length**
10 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.

| **Technical Specifications** | **Test Name** | Standart | | **Unit** | Measurement Results | |
|---|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 400-600 | 600-800 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 30-30 | 35-35 |
| | Waterproof | TS prEN | 1928 | | Waterproof | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 | 120 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 | -10 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 100 | 150 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 4 | 4 |
| | Roll Length | TS EN | 11758-1 | m | 10 | 10 |
| | Roll Width | TS | 11758-1 | m | 1 | 1 |
| | Roll Weight | | | Kg. (min.) | 48 | 48 |
| | Bottom-Top Surface | | | | PE/PE | PE/PE |


# PAL 3000
# APP-based (Plastomeric)
## Aluminum Laminated Membrane

**Product Description**
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- Spun-bond polyester felt carrier 150 gr / m²
- One side is laminated with polyethylene film and the other side is laminated with aluminum.

**Areas of Use**
- It is used as second layer in chimney insulations,
- Second layer in dome and vaulted roofs,
- Second floor in secret creek insulations.

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
3 mm

**Roll Length**
10 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

| **Technical Specifications** | **Test Name** | Standart | | **Unit** | Measurement Results |
|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 400-600 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 30-30 |
| | Waterproof | TS prEN | 1928 | | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 100 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 3 |
| | Roll Length | TS EN | 11758-1 | m | 10 |
| | Roll Width | TS | 11758-1 | m | 1 |
| | Roll Weight | | | Kg. (min.) | 33 |
| | Bottom-Top Surface | | | | PE/Alum. Foil |


# PAR 3500
# APP-based (Plastomeric)
## Slate Laminated Membrane

**Product Description**
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- Spun-bond polyester felt carrier 150 gr / m²
- Laminated with polyethylene film on one side and colored slate on the other.

**Areas of Use**
In prefabricated buildings with dilatation, in terrace roofs that are not visited, in dome and vaulted roofs, in cold climatic conditions, On sloping roofs.

**Application Form**
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

**Thickness**
3.5 mm

**Roll Length**
10 mt.

**Storage & Protection**
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

| Technical Specifications | Test Name | Standart | | Unit | Measurement Results |
|---|---|---|---|---|---|
| | Tensile Strength (Width - Length) | TS EN | 12311-1 | N/5 cm | 400-600 |
| | Breaking Elongation (Width -Length) | TS EN | 12344-1 | % | 30-30 |
| | Waterproof | TS prEN | 1928 | | Waterproof |
| | Flow Resistance | TS | 11758-1 | °C | 110 |
| | Dimensional Stability | TS EN | 1107-1 | % | 0.5 |
| | Cold Shrinkage | TS EN | 1109 | °C | -5 |
| | Tear Strength | TS EN | 12310-1 | N/5 cm | 100 |
| Dimensions | Thickness | TS EN | 1849-1 | mm | 3.5 |
| | Roll Length | TS EN | 11758-1 | m | 10 |
| | Roll Width | TS | 11758-1 | m | 1 |
| | Roll Weight | | | Kg. (min.) | 42 |
| | Bottom-Top Surface Coating | | | | Th/Slate Stone |


# NW-1K / **Bitumen Based Solvent Based Liquid Membrane For Foundation Applications**

**Product Description**
It is a rubber based cold applied solvent based liquid waterproofing material for foundation applications.

**Areas of Use**
— On foundations, retaining and walls against
— soil moisture and leaks
— On gallery, drainage and foundation excavations,

**Advantages**
— It can be easily applied by anyone.
— It creates a complete and seamless isolation layer.
— It's very elastic.
— It is ready for use.
— It should be applied cold.
— It does not require heating and thinning.
— It dries quickly.

**Preparation of the Surface**
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— Pressure water and warm soapy water should be used when necessary.
— The surface to be applied should be dry and clean without moisture.
— The terraces and surfaces to be applied must have a slope that will not make the pond.

**Application Details**
— It is applied only to the side of the application place that will come into contact with water.
— It is a ready-made material.
— Heating does not require.
— It has the consistency of application with trowel.
— When applied with the brush, it is thinned with cellulosic thinner.
— It is used as a primer (Newran-Branded Solvent-Based Primer) to ensure strong adhesion, remove dust and extend the life of the application.
— Depending on the weather conditions, at least one day is expected in the application between layers.
— When applying between layers, the second layer application is made to the cross of the first layer.
— For good waterproofing, 2 layers of mesh is required on the decks.
— In order to withstand higher pressures, it is reinforced with carriers such as polyester felt, mesh, and isolation cloth to achieve perfect results.
— After the evaporation of the solvent it contains, it adheres strongly to the surface where it is applied and forms a super water-resistant layer.

**Thinning**
When you want to apply it with a brush, 1 lt. of cellulosic thinner is enough to thin it. Trowel applications do not require thinning.

**Application Requirements**

— It should be stored at +5°C - +35 °C in a covered place and a maximum of 3 layers of buckets in a row upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
— The cover of the remaining product must be closed at the end of the application

**Application Tools**

Trowel, Brush,

**Warnings & Suggestions**

— Foreign materials must not be added.
— Never dilute with water.
— Do not direct contact with fire.
— Since it contains solvent, no smoking, no fire and no spark generating tools are used during application.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.
— Absolutely not used in dilatation fitting equipment.

**Technical Information**

The technical information is based on 20 °C air temperature and 65% relative

| | |
|---|---|
| View | Black Liquid |
| Application Temperature | +5°C / +35°C |
| Touch | 12 hours |
| First Dry | 24 hours |
| Last Dry | 48 hours |
| 2 Layers Application | 24 hours |

***Consumption***
*600 gr / m² per spread double application should be done.*

***Packaging***
*18 kg. Tin*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Black*


NW-2K

# Bitumen Based Two-Component Waterproofing

## Product Description

It is a double component, bitumen and cement based, elastic and quick drying water-based liquid membrane whose elasticity and strength are reinforced with various additives and polymers. After evaporation of the water in its body, it adheres strongly to the surface it is applied and forms an elastic coating that is resistant to water and moisture.

## Areas of Use

— On all horizontal and vertical surfaces,
— External insulation of foundation, cellar and basement walls,
— It is used in conjunction with reinforcement mesh such as insulation mesh in closed wet areas such as bathrooms, kitchens, toilets, isolation of leachate, large cracked surfaces or isolation applications that need to withstand higher pressure water.

## Application Surfaces

**Indoor and Outdoor Wall;**

— Cement-based plaster Concrete
— Old bituminous surfaces

**Indoor and Outdoor Floor;**

— Cement-based screed
— Old bituminous surfaces Concrete

## Advantages

— It can be easily applied by anyone.
— It creates a complete and seamless isolation layer.
— It provides excellent adhesion on concrete surfaces.
— It's very elastic.
— It dries quickly.
— Solvent-free, environmentally friendly.

## Preparation of the Surface

— The surface should be dry, clean, solid and free from dust, oil, dirt or anti-adhesion materials should be removed from the surface, and materials such as mortar cement residues should be scrapped.
— Repair of surface faults with depth of more than 1 cm should be done with Newkim Repair Mortar 6-8 hours before.
— After surface cleaning, the surface should be primed as a single coat with Newran branded water-based primer to increase
— adhesion strength and balance surface absorbency and should be left to dry for a minimum of 5 hours.

## Preparation of the Product

— The powder component in the upper chamber of the plastic bucket is poured into the liquid component in the lower chamber and mixed with a low speed mixer until no lumps remain.
— It is applied with a brush after mixing.
— It dries in about 1-2 hours depending on weather conditions.

## Application Details

— Newran NW-2K product is applied to the surface in two layers with a minimum of 3 mm dry film thickness.
— After the first layer is completely dry, the second layer is applied so that the first layer is perpendicular to the application.
— The coats that will follow must always be made after the previous coat has dried and, in the direction, perpendicular to the previous application.
— 4 hours between layers should be expected. To ensure the continuity of the insulation, Newkim repair mortar and edge and corner joints should be chamfered.

— In cases where chamfering is not possible, insulation tape should be applied in areas that are weak in terms of water impermeability, such as edge joints. If there are tarot holes or mold joints on the surface, before starting the application, iron rods and / or plastic parts should be removed from their location, and if not removed, they should be cut from the concrete surface with a minimum of 2 cm inside and filled with Newkim Repair Mortar.
— Depending on the properties of the application surface, application can be made by placing Newkim Net between two layers if necessary. In cases that require net reinforcement, a coat is first applied, and the net is laid on it before it dries.
— In regions where there is pressurized water, the amount of consumption and application thickness should be increased.
— During the evaluation of the application conditions, temperature differences between day and night must be taken into consideration.
— In cases where it is possible to decrease the temperature + 5 °C within 24 hours following the application, Newran N W - 2 K should not be applied on frozen or melting surfaces.
— After fully dry, Newran NW NW-2K applied surfaces should be closed without delay and be protected against external conditions.
— Before applying on Newkim NW-2K, the waterproofing layer, thermal insulation boards, drainage plates, geotextile felt should be protected from mechanical effects and tensions that may occur on the surface.

**Application Requirements**

— It should not be applied on uneven surfaces.
— The robustness and bearing of the old surfaces should be checked before the application process.
— During and after application, the surface should be protected from air currents and contact with water should be prevented.
— It should not be applied on substrates which are at risk of frost, frozen or melting ice in 24 hours.
— In hot weather, the material should not be exposed to direct sunlight.
— No application should be made on hot surfaces with extreme wind or direct sun, if there is an obligation to apply in these environments, the environment and surface should be ready to apply before starting.
— Application should not be made in rainy weather; application surface should be protected from rain for 24 hours.

**Application Tools**

Brush, Trowel

**Warnings & Suggestions**

— After mixing the product, it should be used within the life of the container.
— Products that have expired during the application should not be used.
— During the application, no foreign material should be added to the mixture except for the components of the product.
— It can be safely used indoors without any flammable or toxic substances.

**Technical Information**

The technical information is based on 20 °C air temperature and 65% relative

| | |
|---|---|
| Content | Bitumen emulsion-cement based powder mixture does |
| Thinning | not require heating and thinning |
| Mixture | 1,2 g/ml |
| Density | +5°C / +35°C |
| Application Temperature | 45 minutes |
| Pot Life | 2-4 hours |
| Drying Time of the Surface | 3 days |

***Consumption***
*700 gr / m² per spread-double application should be done.*

***Packaging***
*Two-component PE bucket in set, 22 kg liquid component (lower chamber) and 8 kg powder component (upper chamber)*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Black*


# Solvent-Based Bitumen Primer

**Description**

It is a solvent-based bitumen emulsion used as a primer in waterproofing.

**Areas of Use**

— At the foundations,
— In foundation piles,
— Retaining and curtain walls,
— İs used as a primer coat in Newran Branded (Bitumen Based Solvent Based / NW 1K) Liquid Membrane application against ground moisture and primer layer.

**Advantages**

— It is ready for use,
— It dries very quickly.
— It is the auxiliary product of Newran Branded (Bitumen Based Solvent Based / NW 1K) Liquid Membrane material that creates a complete and uninterrupted insulation layer.

**Preparation of the Surface**

— The surface to be covered must be clean and solid.
— All foreign substances that will counteract
— adhesion should be cleaned.
— Cracks and gaps must be repaired with Newim Repair Mortar.

**Thinning**

— It does not require heating and thinning.
— It should be applied cold.

**Storage**

— It should be stored in a covered place at +5/+35 °C and upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.

**Application Tools**

Brush, roller, spray gun

**Warnings & Suggestions**

— Do not direct contact with fire.
— Since it contains solvent, no smoking, no fire and no spark generating tools are used during application.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.

**Technical Information** Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

| | |
|---|---|
| Content | Bitumen emulsion |
| Thinning | No heating and thinning |
| Mixture Density | Required 1-1, 2 g / ml |
| Application Temperature | +5°C / +35°C |
| Drying Time | 12 hours |
| Full Drying | 24 hours later |

***Consumption***
*For each apply, two layers of 250 gr / m² should be applied in one coat*

***Packaging***
*17 kg. Tin.*

***Shelf Life***
*1 year from the date of production in drought and dry environments*

***Color***
*Siyah*


# Water-Based Bitumen Primer

**Product description**
It is a solvent based bitumen emulsion used as a primer in waterproofing.

**Areas of Use**
— In two-layer applications, the other layer should not be applied until the first layer is completely dry.
— As a moisture impermeable material,
— As waterproofing material in dry or damp details such as terrace, roof, kitchen, bathroom,
— As a primer under bituminous coatings.

**Advantages**
— It is applied easily and quickly.
— It does not have joints,
— It does not form any joints, it creates a permanent moisture and waterproof coating.
— It does not flow on vertical surfaces.
— Its use is practical.

**Preparation of the Surface**
— Before applying primer on the surfaces to be insulated, it should be checked that there is a leveling screed with adequate leveling, dryness and cleanliness.
— Spikes and corners should be rounded.

**Application Details**
— It is ready for use.
— Application can be done after opening the cover, but if necessary (5-6 months after the product production date, if the product viscosity increases), mixing with a 300-400 rpm mixer for 3-4 minutes makes the product suitable for application.
— It is applied on the surface with a brush or a gun in a way that will be 400 g per square meter.
— It is waited until it is completely dry.
— If necessary, with 3/1 water you can use it by thinning.
— Is completely dry.
— In two-layer applications, the other layer should not be applied until the first layer is completely dry.

**Thinning**
— It does not require heating and thinning.
— It should be applied cold.
— It is thinned and applied in 1/3 ratio with water.

**Storage**
— It should be stored in a covered place at 0-35 ° C and upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.

**Application Tools**
Brush, roller, spray gun

**Warnings & Suggestions**
— After ensuring the second layer to dry completely, the bitumen coating should be covered with covers such as a thin screed cover, polystyrene layer, drainage sheets not to see the sun, frost, rain.
— Keep away from the reach of children, wash thoroughly with water in contact with eyes and skin and consult a doctor.
— Do not pour into the sewer.
— After the application is finished, the tools used have not dried and the products on them should be cleaned with water while still fresh.
— After drying, the cleaning process should be done with thinner.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.

**Technical Information**

The technical information is based on 20 °C air temperature and 65% relative

| | |
|---|---|
| Content | Bitumen emulsion |
| Thinning | It is diluted with water in 1/3 ratio. |
| Mixture Density | 1-1, 2 g / ml |
| Application Temperature | +5°C / +35°C |
| Drying Time | 12 hours |
| Full Drying | 24 hours |

***Consumption***
*400 gr / m² in one layer depending on the surface double application should be done.*

***Packaging***
*15 kg. PE Bucket*
*17 kg. Tin*

***Shelf Life***
*6 months from the date of production in drought and dry environments*

***Color***
*Black*


yigitsangrup

**Yiğitsan Grup Yapı Kimyasalları Boya İzolasyon Madencilik San. İç ve Dış Tic. Ltd. Şti.**
Boğazköy İstiklal Mah. İsmet İnönü Cad. No:42 Boğazköy - Arnavutköy - İstanbul / Turkey
**Tel:** +90 212 685 24 25 (Pbx) **Fax:** +90 212 685 21 88
**www.yigitsangrup.com.tr • info@yigitsangrup.com.tr**