



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/mm ²
Strength Compressive Strength	≥ 6.0 N/mm ²
Adhesion Strength to Substrate	≥ 0.5 N/mm ²
Adhesion Strength to Thermal Insulation Board Water	≥ 0.08 N/mm ²
Absorption	≤ 0.5 kg/m ² dak. h0.5
Su Buharı Geçirgenlik Katsayısı	≥ 40 g/(m ² .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