



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

