

UniTherm INSULATION SYSTEM

STRUKTUURKROHV

STRUCTURAL PLASTER

POLYMER-CEMENT BASED FINISHING PLASTER

FILLING COMPOUND: WHITE MARBLE POWDER

FOR INDOOR AND OUTDOOR USE

COMPOSITION

- White marble powder, white cement, polymers and plasticisers.
- STRUCTURAL PLASTER is manufactured in three different grain sizes: 2 and 3 mm (SNAKE-TYPE) and 3 mm (COAT-TYPE). Relevant marking can be found on the front side of the package.

SUBSTRATE

- Insulation material surfaces pre-treated with ARMOURING GLUE and any other kind of smooth, clean, hard and dust-free substrates.
- Clean substrates from substances reducing bonding properties, such as loose paint, grease, dust, etc.
- If necessary treat substrates with UniTherm DEEP IMPREGNATING MIX.

MIXING

- Water consumption is 22-28% or 5.5-7 litres of clean tepid water per 25 kg dry mix package.
- Water consumption depends on the surface structure, moisture absorption properties of the substrate and ambient temperature.
- Pour the necessary quantity of tepid water into the mixing bowl. Add mix powder.
- Mix carefully until the mixture is completely wet. Wait for a couple of minutes and stir lightly once again.
- Depending on environmental conditions use ready-made structural plaster within 2-3 hours.

APPLICATION

- Use a steel trowel to apply structural plaster onto the substrate.
- The thickness of the layer should be 2 or 3 mm (depending on the grain size).
- Remaining mix shall be removed from the surface. It can be re-stirred in the mixing bowl and thereafter re-used.
- Use a reamer for treating the mix applied onto the wall and give the surface a desired structure. Prepare a surface you can treat within 15-20 minutes. Applying the mix and treating it should be a continuous process without interruptions and breaks.

NB! Each foreman has his own handwriting, which can be later noticed on the ready plaster surface.

CURING

- Structural plaster is touch dry in approximately one day.
- Plaster surface is load-bearing and ready to paint in 3-4 days.

CONSUMPTION

- Plaster mix with a grain size of 2 mm app. 3 kg/m².
- Plaster mix with a grain size of 3 mm app. 4 kg/m².

LIMITATIONS – WARNINGS

- Substrate and ambient temperature during the application process shall exceed +5 °C.
- Drying fresh surfaces shall be protected from rain and direct sunlight exposure.
- The product contains cement. Contact with water causes an alkaline reaction. Can cause skin irritation. Upon contact with eyes rinse immediately with plenty of water.
- For more specific information please refer to the Safety Data Sheet.

STORAGE

- Shelf life in original package and in dry storage conditions is up to one year.