

TECHNICAL DATA

CORU RM



PRODUCT DESCRIPTION

It is a cement-based, polymer and fiber reinforced, fine aggregate, non-cracking, suitable for indoor and outdoor manual use, fine repair mortar used in unreinforced concrete repair with excellent water vapor permeability.

AREAS OF USE

- On the interior and exterior surfaces of all buildings,
- It is used as concrete repair and leveling mortar on walls and ceilings.
- It is also used as repair plaster on surfaces before the application of Ggranit ceramics.

TECHNICAL SPECIFICATIONS

Non-structural repair	Class R1
Mortar type	PPC
Flexural strength	$\geq 3 \text{ N/mm}^2$
Compressive strength	$\geq 15 \text{ N/mm}^2$
Adhesion strength	$\geq 1 \text{ N/mm}^2$
Response to fire	Class A1

FEATURES

- (1-5mm) thin TH 100 is used as
- (5-30mm) thick TH 100 is used
- It is a very easy to use material.
- It becomes ready to use by simply adding water.
- Resistant to freeze-thaw cycles.
- It has high pressure resistance.
- Does not shrink and is resistant to oils.
- Since it has high adhesion, it works monolithically with old concrete.

SURFACE PREPARATION

- The application area surface must be cleared of substances that will prevent adhesion such as mold oil, dust, slag, paint, and swollen surfaces (such as cement, plaster and concrete residue) must be scraped off.
- The surface should be wetted and kept moist so that there is no puddle of water.

APPLICATION

- 25kg of TH-100 REPAIR MORTAR in powder form should be added to 5 to 6 lt of medium temperature water and mixed with a low speed mixer until no lumps remain. The mixture, which is left for 5 minutes, should be mixed for another 2 minutes to become homogeneous.
- The application is made to the surface with a trowel with a thickness of 1-5 mm.
- For a thicker application, a second coat should be applied and the first coat should be waited for to dry completely.
- The most effective factor to be considered during the application process and setting time is the weather conditions. Necessary precautions should be taken in weather conditions such as direct sunlight, strong wind, high air temperature and rain or frost, and if necessary, the application should not be done.

STORAGE, PACKAGING, CONSUMPTION

- It should be stacked up to 10 times in its original packaging.
- It should be stored in a closed area.
- Necessary precautions must be taken against water, humidity, frost and severe weather conditions.
- It should be stored on a pallet and in a dry place between +10°C and +25°C.
- Punctured, opened and burst buckets should be closed or used immediately.
- If the specified storage conditions are observed, the storage life is 12 months.
- In 25kg kraft bag.
- Depending on the application technique and application density; the consumption rate is 1.5kg/m² for 1mm thickness.
- Pot life is 3 hours and crusting time is 15 minutes.
- The specified rates are theoretical standards and may vary depending on the application method and intensity of use.

WARNINGS

- Do not use in areas that are mobile and have no resistance.
- Do not apply at temperatures below + 5 C and above + 35 C.
- Avoid applying in areas that are frozen or at risk of freezing within 24 hours, and in areas exposed to direct sunlight and wind.
- Do not apply on plaster or colored paint.
- After application, it is recommended to keep the mortar moist until it cures.
- It should not be brought into contact with skin, eyes and mouth, and the application should be carried out by taking the necessary work safety precautions.