

Paviglass Repair Base TC

Crystalline waterproof rendering mortar

Product

- High performance
- Suitable for concrete sanitation
- Controlled retraction mortar
- High immediate resistance
- Armed with fibers
- Seamless

Description

Water proofers for resistant coatings incorporating crystalline technology (hydrophilic-catalytic).

Coated based on cements with high clinker content and high resistance to sulfates, silica sands of great purity and selected granulometries, acrylic fibers, rheological additives, and crystalline components for the total waterproofing of the capillary network.

It is supplied packaging, to only add water on site.

Applications

As a waterproof repair mortar and / or previous preparation as a base, on masonry supports, for chemical treatment by molecular diffusion for the repair, waterproofing and protection of existing structures in:

- Works in maritime atmospheres.
- Works in contact with acidic waters.
- Works in contact with aggressive carbonic waters.
- Works in contact with pure waters of great solvent power.
- Works in contact with soils and waters with sulfates.
- Works in total immersion.
- Works in tidal race area.

Can also be used as waterproof mortar finishing.

Properties

- Product ready to use to apply on site.
- Great adhesion to the support.
- High thixotropy, which allows large thicknesses of a single layer and without hanging.
- Fibro-reinforced.
- High mechanical resistance.
- Fully waterproof
- Ability to self-seal micro fissures.

CE marking of the product

Masonry mortar prescribed for ordinary use intended for use in exterior elements subject to structural requirements

Paviglass repairer base TC (UNE-EN 998-2:2010)

Proportion of components (in volume)

- Cement: 25%
- Aggregates: 75 %
- Chloride content: 0.07% Cl
- Reaction to fire: Class A1
- Water absorption: 0.1 kg/(m².min05)
- Water vapor permeability: μ 15/35
- Thermal conductivity: (λ 10dry) 0.83 W/mK (tabulated value)
- Durability (resistance to ice-thaw cycles): Evaluation based on valid arrangements at the intended place of use of the mortar.

Technical data

- Application temperature: 5 and 30 °C
- Appearance: polvo gray or white
- Binders: cement Portland
- Inert: large siliceous aggregates and compensated granulometries.
- Additives: reductors, water retainers, acrylic fibers and crystalline additives.
- Granulometric g-range: 0-2.5 mm
- Powder bulk density: 1.583± 25 kg/m³.
- Kneading water:
 - 10%: 25 N/mm²
 - 12,5%: 22,5 N/mm²
 - 15%: 18 N/mm²
- A/C ratio: 0.57 0.68
- Bulk density in paste: 1.885 ± 25 kg/m³
- Water retention: ±99.98 %
- Air occluded: ±15 %
- Resistance: 120 mm / 150 mm
- Reaction to fire: Euro Class A1

* These results have been obtained under standard conditions and may vary depending on the commissioning.

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Conditions of execution

- The support must be resistant and stable, be clean of dust, paint, oil, greases, etc., for this we will proceed to a cleaning of this, eliminating any remaining dust, liquids, residues of efflorescence's and any other substance that may impair a good adhesion to the support.
- Damaged concrete areas should be removed until they reach a sturdy and healthy surface, the edges of the repair will be mechanically cut to at least 4 mm deep.
- If there are reinforcements affected by corrosion, these will be discovered until the exposed weapon is not affected.
- Remove rust from the armatures and mechanically clean to a minimum degree Sa2.
- It is recommended to clean with sandblasting, steel barb brush, mechanical brushing, or needle gun, etc.
- The support must be moistened to saturation, without waterlogging, before the application of the mortar.

Mixture:

- Mix the powdered product with the indicated amount of water, to be massed with a concrete mixer or mechanical agitator of low revolutions until total homogenization, The mass obtained must have consistency to thixotropic.

Application:

- Apply by strong pressure on the support, a first layer end to ensure adhesion and then until obtaining the desired finish and thickness.
- Once the hardening or hardening has begun, it can be smoothed, trowel finish...

Precautions:

To ensure that the product reaches the intended properties, it is necessary to cure the mortar, for at least 24 hours following, to do this, moisten the mortar placed with sprayed water during the 24 hours following its execution, keeping the plastered surface wet for its correct curing.

Important:

- In very humid environments the setting process can increase.
- Respect the recommended temperatures.
- Do not apply with direct sunlight, strong wind, rain and / or frost.
- It does not add to say any other product that modifies the original formulation.
- If the product hardens do not try to apply it again by adding water.

Nettoyage:

Tools and work tools in a fresh state can be cleaned with water. If the material is hardened, it can only be cleaned mechanically.

! IMPORTANT

The observations and requirements of this data sheet, even if they correspond to our best experience, must be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; therefore, before if you use the product, whoever is going to do so must establish whether or not it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product has been handled or applied, the manufacturer will not assume any claim, nor the responsibility as to the form, mode and conditions of application.



Packaging

Bag of 25 kg
Pallet (48 bags) 1200 kg

Color

Gray and white

Consumption

±1.6 kg/m² and mm thick

Conservation

Original container closed, free from weather and humidity: 1 year

Note

This data sheet cancels the previous ones and loses its validity with the appearance of a new one. This document is not contractual and may be modified without notice.

Health and safety

Is an alkaline product, contains cement.



- Irritates the skin, eyes and airways
- Avoid contact with eyes and skin.
- Use labor protection measures, such as mask, gloves and goggles.
- Keep out of reach of children.
- More information, see safety data sheet (FDS).