



High performance additive



- Improves final performance of cementitious mortars and mixtures,
- Improves corrosion and impact resistance,
- Provides and improves elasticity of mortars,
- Improves water repellency for cementitious grouting materials

DESCRIPTION

• High performance, synthetic resin based additive for cement based mortars and adhesives. It improves the mechanical strength, water repellency, flexibility and adhesion performance of cement based adhesives, grouting materials, plasters and mortars and etc. It is a non-toxic and non-flammable product for professional use.

AREAS OF USE

• It is added into cement, gypsum, cement-gypsum based adhesives, grouting materials and mortars for use in tiling, plastering and screed applications on industrial and public areas exposed to heavy loads or pedestrian traffic, in pools and wet areas, outdoor areas and external facades, under heated floors.

FEATURES

Material content: Emulsion containing synthetic polymers additives.

Type	: Liquid
Color	: White
Ph	: 8
Density	: 1,05 gr/cm ³

APPLICATION PROPERTIES

Application temperature: +5 °C - +35 °C

Additive mixing ratio : varies according to scope of usage

TECHNICAL PERFORMANCE

Resistance to moisture	: excellent
Resistance to alkalies	: excellent
Resistance to thermal shocks	: excellent
Flexibility	: excellent

IMPACT OF CERMILATEX ON THE MORTAR

- Improves adhesion performance of cement based mortars.
- Improves corrosion and impact resistance.
- Improves thermal resistance, and prevents crack forming under severe freeze-thaw conditions.
- When added into cementitious tile adhesives, improves tensile strength, flexibility and resistance to thermal shocks for the adhesive.
- When added into cementitious grouting material, improves water repellency, abrasion and bending strength for the grouts.

APPLICATION

- **CERMILATEX** is supplied ready to use. However, it should be shaken to ensure that the liquid is homogenous prior to pouring out.
- The additive mixing into mortar should be carried at an ambient temperature range of +5 °C - +35 °C.
- **CERMILATEX** is added into the mortar in the equivalent amount which is reduced from the regular mixing water amount for the relevant mortar. It is recommended to add **CERMILATEX** into the mixing water in the ratio 1:3 as minimum (as for the mixing water; instead of 3 scales of water, 2 scales of water and 1 scale of **CERMILATEX**).
- For fixing onto impervious surfaces like existing tiles the surface may be primed with the mixture prepared by mixing **CERMIPLUS** and **CERMILATEX** in the ratio 1:1 (in equal amounts) is recommended. Two coats of mixture is applied on the surface for priming evenly. Consumption is 0,4 kg/m² in total (0,2 kg/m² of **CERMIPLUS** and 0,2 kg/m² of **CERMILATEX**).

- When high performance plastering or surface repairing is required such in pool applications, it is recommended to add **CERMILATEX** into the mixing water of **CERMIMORTAR 2-10** surface smoothing and restoration plaster in the ratio 1:3 (as for the mixing water; instead of 3 scales of water, 2 scales of water and 1 scale of **CERMILATEX**).

- Due to difficulty of cleaning, avoid splashes of product during application.

PRECAUTIONS

- Do not add any water or other component.
- Do not apply onto metal, rubber, PVC, linoleum surfaces.
- Do not add into self leveling compounds.
- There might be early formation of films on carded surfaces, if product is used in a cement-based adhesive in hot and dry ambient. In case a film is formed on the surface, the adhesive should be removed from the surface and a new mixture should be reapplied.
- In pool applications; when added into mortars and plasters, leave plaster and screed for at least 6 weeks to fully cure before tiling.
- When added into adhesive, delays the curing of the adhesive particularly in cold ambient. Consult technical service for instructions.
- When added into plaster, the plaster will form a stickier consistency. Thus, care should be given during application.

COVERAGE

- The approximate coverage amount (lt) may vary depending on the scope of application. For average consumption values please refer to the application section.

PACKAGING

- Plastic cans of 5 lt (84 cans / 420 kg on a pallet)
- Plastic cans of 20 lt (24 cans / 480 kg on a pallet)

STORAGE AND SHELL LIFE

- When stored unopened in a cool, dry place at temperatures above 4 °C, shelf life is 12 months from date of manufacture. Production date and charge number is displayed on the packaging.
- The products should not be stored in damped or submerged warehouses. At maximum 4 cans should be overlaid for storage.
- When not used, opened packages should be closed tightly to avoid air contact.

HEALTH AND SAFETY

- In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water.
- Wear suitable protective clothing, gloves and eyes/face protection.
- Keep the product out of the reach of children.



Note: The initial controls of our product are made during the production phase. We guarantee the stability of our products' quality. All recommendations and instructions on the technical sheet are generally based on our experience. Please contact us for applications on special surfaces not mentioned in the technical sheet. Our company reserves the right to update the information on the technical sheet in the case of technical necessities without prior notice. This new catalogue supercedes the previous editions.