

CERPOXI

**Mortar for sealing acid-resistant joints
from 0 to 10 mm.
LOW VISCOSITY. EASY APPLICATION.**



FIELDS OF APPLICATION

Grouting:

- ◆ Grouting vertical and horizontal joints between tiles in INTERIORS and EXTERIORS.
- ◆ Filling anti-acid tile joints for the following **industries**: chemical, dairy, food, galvanising, paper, cheese, beer, slaughterhouse, canning factories and tanneries etc.
- ◆ Filling joints in **kitchens**, bathrooms, cutting rooms.
- ◆ Filling joints in chlorinated or salt water chlorinated public **swimming pools**, showers, water areas etc.

Installing:

- ◆ Installing tiles in general and ceramic anti-acid tiles in coverings and surfaces where a rapid, **anti-acid hardening** is required.
- ◆ Installing marble pieces in thresholds, lintels, kitchen sinks etc.

TECHNICAL CHARACTERISTICS:

CERPOXI is a three-component compound made using selected sand, stable pigments and special additives which harden through a simple chemical reaction, resulting in an exceptional product for:

- ◆ The best value on the market.
- ◆ Optimal chemical resistance to detergents, corrosive acids, etc.
- ◆ Excellent adherence to supports such as ceramics, concrete, steel, wood, cement asbestos
- ◆ High mechanical resistance.
- ◆ Excellent fluidity: it is an easy-to-apply epoxy.
- ◆ Totally impermeable: 100%.
- ◆ Resistance to ageing and blemishes.
- ◆ When applied on vertical joints it does not drop.
- ◆ Easier maintenance than with cement-based joints.
- ◆ It has an extraordinarily long pot-life with a rapid hardening time.

WARNING

- ◆ **CERPOXI** is not an expansion joint (use **SELLALASTIC**, **SELLAFIX** or **SILICONA NEUTRA**).
- ◆ Do not use the grouting material on wet, dirty or dusty tiles.
- ◆ Take special care cleaning when grouting non-glazed materials.
- ◆ Do not make half and half mixes. Mix the total quantity of the three components.
- ◆ Do not add any other component to the **CERPOXI** which could modify its characteristics.

HOW TO USE

◆ Preparation of the joints:

Clean all the joints before applying **CERPOXI**. The aim is to have resistant, solid joints, free from dust, paint, wax, oil or grease etc.

◆ Preparation of the components:

The ideal application temperature is +20 °C. When the temperature is very low and the liquids are cold and viscous, submerge the bottles in hot water (not boiling) until they become liquid.

◆ Preparation of the mixture:

- 1) A kit is made up of:
 - 1 large bottle of liquid
 - 1 small bottle of liquid
 - 1 bottle of powder
- 2) Empty the entire content of **the two bottles** into a bucket.
- 3) Add the powder into the liquids.
- 4) Mix using a spiral mechanical mixer drill attachment at high revolutions.

◆ Application of the mixture:

Manual grouting on: coverings and surfaces

- fill the joints with a rubber **FIX-ESPATULA**.
- mark the joints diagonally.
- collect the excess with the edge of the same spatula.

- **Cleaning:** eliminate remains **immediately**.
- use the **FIX-ESTROPAJO**, a trowel with handle included with a white fibre Scotch-Brite scourer with 1 cm thickness.
- using cold water is sufficient although the process is easier if the water is warm.
- liquid remains should be mopped up with the **FIX-ESPONJA**, a trowel with handle included with a special sponge. Easy sponge rinsing can be carried out using the **FIX-BUCKET**.
- The final cleaning can be carried out the next day with water, soap and the **FIX-ESTROPAJO**.

Industrial grouting on: Large areas

- fill the joints with a rotating machine fitted with **hard rubber rods**.
- re-distribute the remains with the **FIX-ESPATULA** or with a hard rubber rake.
- **Cleaning:** eliminate remains **immediately**.
- use the same rotating machine now fitted with white felt (Scotch-Brite type) of 2 cm, and a small amount of cold water (the process is simpler with warm water).
- Clean up excess liquid with the **FIX-ESPONJA** and the **FIX-BUCKET** or simply drag it to the nearest drain with a hard rubber rake.
- The final cleaning can be carried out the following day using water, soap and the **FIX- ESTROPAJO**.

CLEANING TOOLS

Clean tools with water or **EPOXINET** before the **CERPOXI** hardens.



CONSUMPTION:

Size of tile (mm.)	Thickness of the tile (mm.)	Joint width (mm.)	Performance (Kg/m ²)
25 x25	5	2	1.0
100 x100	6	4	0.8
120 x240	10	8	1.6
100 x200	10	6	1.5
150 x300	12	10	1.9

TECHNICAL DATA

DIRECTIVES

EN 13.888

PRODUCT

- Type: RG
Grouting material for reactive resins
- Aspect part "A" and "B": Fluid liquids
- Aspect part "C": Powder
- % of solids: 100%
- Inflammable: No
- Toxicity: Contact with skin and eyes must be avoided. Always use gloves during installation, protective goggles are also recommended. In the case of skin contact, wash with plenty of soap and water. In case of eye contact wash with plenty of running water and consult a doctor.

APPLICATION

- Start the grouting if you have used:
 - fast cement glue: after 4 hours.
 - normal cement glue: after 24 hours.
- Density of mixture: 1.5 g/cm³
- Temperature of application: from +12 °C to +30 °C (ideal +20 °C)
- Useful life: 1 hour (at +20 °C)
- Starting cleaning: 0 - 10 minutes
- Can be walked on: 14 hours (at +20 °C)
- Final hardening: 7 days (at +20 °C)

PERFORMANCE PROPERTIES

- Resistance to damp: excellent
- Resistance to ageing: excellent
- Resistance to acids/alkalis: excellent
- Resistance to solvents: very good
- Resistance to abrasion: < 250 mm³
- Resistance to flexion after dry storing: ≥ 30 N/mm²
- Resistance to compression after dry storing: ≥ 45 N/mm²
- Retraction: ≤ 1.5 mm/m
- Water absorption after 240 min: ≤ 0.1 g
- Range of working temperatures: from -20°C to +50°C

STORAGE

- In a covered area, protected from heat and freezing temperatures, kept in its original containers: 2 years

PRESENTATION AND COLOURS

- Supplied in 25 colors in:
 - 7-kg pots.
 - 21-kg pots. (3 units of 7Kg.)
- Supplied in White color in:
 - 7.5-kg pots.
 - 22.5-kg. pots (three units of 7.5 kg.)