



Rigid epoxy filler for the restoration of building surfaces.

DESCRIPTION

Two-component paste adhesive for sealing cracks and joints and for repairs on construction materials. After curing, it provides strong adhesion to building surfaces, high tear resistance, and compression strength. Suitable for creating "fixed bar stitching" to eliminate cracks and joints on screed and concrete; filling small cracks, and bonding various materials such as metal, walls, natural stones, iron, wood, MDF, or chipboard. Restricted to professional users. For both indoor and outdoor use.

MAIN PROPERTIES

- Different color of the two components for immediate verification of the mixture's homogeneity.
- Soft and moldable consistency for easy application.

TECHNICAL DATA

Thickness EN 13300	Class A, fine (< 100 µm)
Adhesion on concrete (EN 1542)	3.8 ± 0.2 MPa
Specific weight	1500 ± 50 g/l
Solid content	99.8 ± 0.02 %
Catalysis ratio (weight)	A : B = 1 : 1
Drying time	Dust-free: 3 h Touch dry: 18 h Fully cured: 7 days
Pot life	10 (+27°C) ÷ 140 (+5°C)
Viscosity Brookfield	700.000 ± 10.000 mPa*s
Volatile organic compounds (VOC)	Not covered by Directive 2004/42/CE.

CHARACTERISTICS

Coverage	1.5 kg/m ² for fillings and coatings of 1 mm thickness
Colour range	Grey (RAL 7044 approximately)

APPLICATION

Notes:

Cleaning tools from fresh product with acetone, alcohol, epoxy thinner, or nitro thinner. For hardened product, use mechanical removal, specific paint strippers, or a heat gun.

Suitable Substrates:

Structures made of concrete, natural stone, wood, iron

Ambient Conditions:

Min +10°C max +30°C max RH 80%

Preparation of the Substrate:

The substrate must be dry, clean, and free of loose or detaching parts.

To perform "stitching"

Preparation of rods: cut 30-50 cm pieces of corrugated steel rod with a diameter of 8-10 mm.

Cutting the grooves: use a diamond grinder to create orthogonal cuts to the crack, with a depth of about 2-3 cm, suitable in width and length to the dimensions of the rod, and spaced about 50 cm apart.

Cleaning the grooves: thoroughly vacuum the dust from the grooves.

Application of ADEPOX: pour ADEPOX into the grooves until they are filled about halfway.

Inserting the rods: insert the rods into the grooves and cover them with ADEPOX.

Leveling: adjust the level of ADEPOX with a spatula.

As a filler

Application: use a smooth spatula to apply the product.

Removal of excess: remove as much excess product as possible.

Drying time: wait at least 24 hours before sanding.

As an adhesive

Application of the adhesive: spread a layer of ADEPOX on both surfaces to be bonded (double coating).

Adhesion check: ensure the adhesive has properly wetted the surface and penetrated the roughness.

Bonding: bond the surfaces.

Positioning: keep the surfaces in position for at least 2 hours (at +23°C and 50% RH). Temperatures above +23°C speed up the adhesive curing.

Type of Equipment:

Spatula

Application Procedure:

Pre-mix the individual components separately, then pour component B into component A and mix thoroughly until the mixture has a uniform appearance.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet.

Packaging:

Pack A: 0.5 kg

Pack B: 0.5 kg

Storage:

2 years when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight.

TECHNOLOGIES/CERTIFICATIO

