

EPOXICOL

R2 according to EN1504-3

Epoxy mortar for anchoring bolts, sealing cracks, repairing concrete and for bonding waterproof BANDS in various waterproofing systems.



Beige

MAIN FEATURES

- EPOXICOL is a tri-component compound consisting of sands and special additives that harden through a simple chemical reaction.
- Excellent adhesion to most substrates: ceramic, concrete, iron, wood, fibre cement...
- High mechanical resistance.
- Chemical resistance to detergents and acids.
- Totally waterproof (100%).
- Highly resistant to ageing.
- Creates monolithic joints with the concrete.

FIELDS OF APPLICATION

EPOXICOL has many applications:

- As a paste for **non-shrink casting fillings**: for metal bolt anchors.
- As a paste for **sealing cracks** formed by the settling of concrete, provided they are dead cracks.
- As a **thixotropic repair mortar**, for cracks in concrete walls.
- As thin-bed **adhesive cement**, for bonding ceramic materials, stoneware, iron, prefabricated concrete, marble pieces, lintels...

HOW TO USE

SUPPORT PREPARATION

- Before applying the EPOXICOL, the substrate must be perfectly clean.
- It must be clean, resistant, solid, free of dust, waxes, oils, greases, ...
- It is highly recommended to sandblast the substrate. As a minimum, it is obligatory to brush with a metal tool.
- If the application is on concrete, this will already have at least 28 days of setting.

PREPARATION OF THE MIXTURE

- Empty the contents of the two bottles into a bucket and add the required powder depending on the type of application, ranging from a fluid mass to a thick paste. Mix with an electric drill at low rpm.

APPLICATION OF THE MIXTURE

- To bond **BANDA-SOLAPES** or **FIX-TAPE** 170 mm, apply the product with a 3 mm trowel and press firmly.
- To seal cracks, make a fluid mixture and apply it by pouring.
- To repair concrete, make a thick mixture and use a trowel.
- For bolt anchors in concrete, the diameter of the hole shall be 4 mm larger than the diameter of the bolt.

TECHNICAL DATA

Aspect part "A" and "B"; part "C"	fluid liquids; powder
% of solids	100%
Flammability	no
Toxicity	irritates the skin and eyes
Density of the mixture	1.5 g/cm ³
Chloride ion content	0%
Temperature of application	+12°C a +30°C
Start the application over concrete	after 28 days minimum
Pot life	1 hour (+20°C)
Can be walked on after	14 hours (+20°C)
Final hardening	7 days
Resistance to compression	≥ 15 MPa
Initial adhesion	≥ 0.8 MPa
Capillary absorption	< 0.5 kg/m ² ·h ^{0.5}
Range of working temperatures	from -20°C to +90°C
Consumption	14 kg/m ² ·cm thickness
Estimated expiration	30 months
Presentation	1.5 kg, 5 kg and 20 kg

