

EUCOREP EP PASTE

EPOXY BASED PASTE FOR SEAMLESS PLINTHS AND REPAIR

FIELD OF APPLICATION

EUCOREP EP PASTE is a solvent-free, two-component epoxy resin paste intended for filling all surface defects in concrete surfaces, filling passive joints and cracks, hollowing out corners, gluing profiles and the like, ... Complementary surfaces such as properly prepared homogeneous rough concrete floors, paints and resins made of epoxy and polyurethane, floors, unpolished concrete, well-adhering surfaces...

Horizontally:

- Filling stabilized cracks.
- Filling of minor surface defects and small cavities.
- Filling.
- Realising small covered plinths
- Smoothing out small level differences
- Gluing profiles.
- Etc.

Horizontally:

- Filling of pores in concrete surfaces
- Filling of small cavities and joints.
- Etc.

BENEFITS & FEATURES

- Easy to apply
- Excellent adhesion
- Thixotropic product
- Easy mixing ratio
- Solvent free

APPLICATION

Application conditions

EUCOREP EP PASTE must be stored between +15 and +25°C, approximately 24 hours before application. The surface, the ambient temperature and the temperature of the equipment to be used must be between +10°C and +30°C. Never work with EUCOREP EP FLOOR below +10°C.

Relative ambient humidity: max. 80%.

Substrate moisture content: < 5% (weight percent).

Dew point before and during application and during curing: The temperature of the substrate must be +3°C higher than the dew point. Provide sufficient ventilation after application to obtain good curing of the product.

Compressive strength of the substrate: min. 25 N/mm².

Tensile strength of the substrate: min. 1.5 N/mm².

Expansion joints are repeated in the synthetic resin system to be installed. Active cracks or joints must be deactivated before filling. Joints, Old contraction joints and passive cracks or fissures can be covered. This on the condition that they are not used as expansion joints or if they do not follow other movements of the construction and the substrate.

Tools & complementary products

- Mixer with spindle
- Putty knife
- Silicone or rubber spatula (for small covered skirting)

Preparations

The surface to be treated must be dry and free of standing water (moisture content <5%). Make cracks, fissures, joints and other parts showing water leaks completely water and leak proof with the EUCCHEM BV EUCCHEM INJECT injection resins. Make sure that EUCOREP EP PASTE. Mechanically remove all loose parts, then brush well and remove dust with an industrial vacuum cleaner. The surface must be free of dirt, grease, release agent, grease, old, demoulding oil, cement skin, old paint layers that do not adhere well, coatings, synthetic resin layers, adhesives, bitumen, ... or other matters that can adversely influence the adhesion. The substrate must be mechanically pretreated. For example by bullet blasting, sandblasting or by sanding the surface. Then vacuum everything again.

Preparation of the product

First mix the EUCOREP EP PASTE A-component briefly to a homogeneous mixture. Then add the full amount of the EUCOREP EP PASTE B-component to the A-component. Mix again. Mixing of the base and the hardener must be done correctly and according to the correct mixing ratio (A : B = 2 : 1) until a homogeneous, lump-free grey paste is obtained.

Application of the product

EUCOREP EP PASTE is first applied with a trowel onto the rubber spatula or the putty knife. Then spread out the product according to the application.

Finishing

EUCOREP EP PASTE can be overcoated with epoxy, polyurethane and polyaspartic synthetic resin systems.

Cleaning of the tools

Clean the used tools with EUCOSOLV MEK. Cured product residue must be removed mechanically.

MAINTENANCE AFTER APPLICATION

If EUCOREP EP PASTE is coated with other synthetic resin products, please consult the technical data sheets of these systems.

TECHNICAL DATA

Consumption

1.2 kg/m²/mm
or 1.2 gr/cm³

Technical data & reaction times

Property	Value
Basic raw materials	Epoxy resin - solvent free
Density	Comp A: 1.2 (+/- 0.05) Comp B: 1.10 (+/- 0.05) Base + hardener: 1.17 (+/- 0.05)
Dry matter content	98 % (+/- 2%)
Mixing ratio	A : B = 2 : 1 (weight and volume)
Flash point	> 100°C
Adhesion onto concrete / adhesion strength	> 2 mPa - Exceeds concrete cohesion
Hardness Shore D	85 at 23°C after 7 days
VOC / COV	Complies with directive 2004/42/EC EC limit value for this product (Y / d): 500 g / l COV(2010). This ready to use product contains: 98 g / l COV.
Colour	Grey

Pot life after mixing: 15 minutes
Re-coatable after: 8 hours.
Pedestrian accessible: After 24 hours.
Full chemical resistance: After 7 days. (Note: water is also a chemical product)
Full curing: after 7 days.
Times measured at +20°C. Lower temperatures extend and higher temperatures shorten the curing time.

Chemical resistances

Good chemical resistance against alkalis, petroleum derivatives, battery acid, diluted organic acids, salts and solutions. For more information, please contact EUCOCHEM BV.

Additional documentation & referrals

Always consult all technical data sheets and material safety data sheets of the products to be used. Always work with clean tools in good condition.

APPEARANCE - COMPOSITION - PACKAGING

EUCOREP EP PASTE is available as follows:

6 kg set

Comp A: 4 kg

Comp B: 2 kg

Storage takes place in a dry room between +5°C and +30°C in its unopened, original packaging; shelf life of 12 months after production date, if stored under the above mentioned conditions.

ADDITIONAL COMMENTS

For special applications it is advisable to consult your EUCOCHEM BV representative.

SAFETY PRECAUTIONS

Always use personal protection in accordance with the local guidelines. Consult the appropriate safety sheets before use. All most recent safety data sheets are always available at [op www.eucochem.com](http://op.www.eucochem.com). When in doubt, contact our technical service.

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