

EPOXY COMPOUND

PAVIPLAST® CASTING A+B

Solvent-free two-component epoxy compound suitable for castings and anchoring of reinforcing steel according to EN1504-6. Low shrinkage, long pot-life and low exothermic hardening.



Description

Two-component epoxy formulation pigmented in mass, fast hardening, with excellent adhesion on cement.

Use

Swallowing of runway fires for airport works. Grouting of the cable ducts serving the runway fires.

Preparation of the support

Concrete surfaces they must be solid, absorbent and free from the presence of pollutants.

Asphalt surfaces must be carefully prepared so as to eliminate all inconsistent parts of the laying surface.

Application

To obtain an optimal result, the material must be at a temperature between +5 °C and +30 °C.

At the time of application, combine the two components in a single container and mix carefully with a mechanical stirrer.

To the mixture A+B it is possible to add 30% by weight of QUARZO B2.

Strain the material into the volume to be filled.

Warnings

For low temperature applications, the material can be heated to 25°C for easy application and catalysis (viscosity decrease).

Technical specifications

PRODUCT DATA	
Colour	Grey (RAL 7032)
Specific gravity (at 25 °C)	mixture (A+B): 1,60 +/- 0,05 g/ml
Viscosity (at 25 °C)	mixture (A+B): 5.800 +/- 1.000 mPascal
Solvent for cleaning tools	UNI Solvent
Storage	12 months, store in a dry place at a temperature between 5 °C and 35 °C

APPLICATION DATA AND TIMING	
Mixture ratio	by weight: A=100, B=19
Pot-life (50% R.H.)	at 5°C >25 min at 25°C 10 min at 30°C >6 min

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

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Sivit S.r.l.

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Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

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APPLICATION DATA AND TIMING

Hardening in depth (50% R.H.)	at 25°C 2 days
Environmental conditions of use	Temperatures between +5 °C and +30 °C

TECHNICAL PERFORMANCE DATA

Aspect	Pigmented gloss
Compressive strength (UNI 4279)	70 N/mm ² (after 7 days)
Bending strength (UNI 7219)	20 N/mm ² (after 7 days)
Tensile strength (ASTM D 638)	33 N/mm ² (after 7 days)
Linear thermal expansion coefficient	20 x10 ⁻⁶ °C ⁻¹

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