

# CHEMICAL RESISTANT COVERINGS

## PAVIRESISTANT TIXO A+B

### Epoxy product for chemical resistant coatings

Used to make waterproof protections for conduits and containment tanks, it is resistant to contact with aggressive chemicals such as acids, bases and solvents, especially ethyl acetate.

#### Description

Two-component product based on epoxy resin used in combination with cycloaliphatic amine hardeners. Formulated at 90% by weight of dry residue, used to make coatings resistant to contact with aggressive chemicals (acids, bases, solvents in particular ethyl acetate).

#### Use

Waterproof protection of ducts and containment tanks.

#### Support

The substrate must have a minimum compressive strength of 25 N/mm<sup>2</sup> and a tensile strength of 1,5 N/mm<sup>2</sup>

#### Preparation of the support

Concrete bases must be solid, dry (seasoned if newly built), leveled, absorbent, not polluted by oils, detergents, powders or other substances.

Evaluate the most convenient type of mechanical preparation (sandblasting, hydrowashing) and then apply a recovery of ECOFONDO on a regularized support.

#### Application

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

Quickly use the entire content. When emptying the container avoid scraping the edges and the bottom, as there may be some product not perfectly blended.

Apply the product with a roller or brush with a consumption of 300-600 gr/m<sup>2</sup>.



#### Warnings

PAVIRESISTANT coatings exposed to sunlight may fade or change color with a turn towards yellow; this fact does not affect the performance of the coating in any way.

Between different production batches of the same color there may be slight differences: when possible use material from the same production batch.

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

Tones on yellow, orange or some reds may require more coats to obtain a good covering effect.

**Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.**

#### Technical specifications

PRODUCT DATA	
Colour	Colore RAL 7038 o a richiesta, per lotti minimi di 200 kg
Specific gravity (at 25°C): mixture (A+B)	1,20 +/- 0,05 g/ml
Viscosity (at 25 °C): mixture (A+B)	5.000 +/- 1.000 mPa (spindle 2, rpm 6)

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## PRODUCT DATA

Flash point	> 100 °C
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=28,5
Pot-life (50% R.H.)	at 15°C > 6 hours to 25°C 17 min at 30°C > 10 min
Dry to the touch (50% R.H.)	at 15°C 10-12 hours at 25°C 2-3 hours (for low thickness) at 30°C 1-2 hours
Walkable (50% R.H.)	at 25°C 10 hours
Coverage (50% R.H.)	at 25°C 6 to 24 hours
Trafficable (50% R.H.)	at 25°C 20 hours
Environmental conditions of use	Temperatures between +15 °C and +30 °C, R.H. < 50% and media humidity < 4% (*)
Coating maintenance	For cleaning operations use neutral detergents

## TECHNICAL PERFORMANCE DATA

Compressive strength (UNI 4279)	60 N/mm <sup>2</sup>
Bending strength (UNI 7219)	45 N/mm <sup>2</sup>
Tensile strength (ASTM D 638)	30 N/mm <sup>2</sup>
Hardness (ASTM D 2240)	80 Shore D
Chemical resistance	Excellent resistance against various aggressive (consult our Technical Service)
	(*) PAVIRESISTANT TIXO applied at substrate temperatures below 15 °C could stain in contact with water or water-based preparations and form whitish spots. Such a defect in chemical resistance is caused by incomplete cross-linking. Therefore, PAVIRESISTANT TIXO should be applied at a media temperature of not less than 15 °C and at least 3 °C above the condensation temperature.

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