

Cipoxy FC 500 TE

Solvent free textured floor coating

Description

A two component epoxy based pigmented top coat, cured with modified cyclo-aliphatic curing agent, Cipoxy FC 500 TE is recommended as a solvent free textured floor coating. It has excellent adhesion over primed and screeded surfaces. It is available in Cipy as well as RAL colours.

Uses

- Cipoxy FC 500 TE is used as top coat in conjunction with Cipoxy range of floor toppings.
- It is recommended in automobile, pharma, food, brewery and light engineering industries.
- It is food grade epoxy floor coating.

Key features

- Excellent adhesion
- Solvent free
- Excellent flow and levelling characteristics
- High gloss
- Excellent toughness
- Texture finish

Properties

Type	: Epoxy cyclo aliphatic amine
Mixing ratio (R:H)	: As per set
Finish	: High gloss
Colour	: Desired shade
Pot life @ 27°C	
ASTM D 2471	: ≥ 45 min
Volume solids	
ASTM D 2697	: ≥ 98%
Recommended DFT	
ASTM D 1186	: 500 microns

Drying time

ASTM D 1640

Surface dry	: ≥ 1 hr
Tack free dry	: ≥ 7 hrs
Hard dry	: ≥ 24 hrs

Theoretical coverage	: 23 sqmt per set @ 500 microns
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Performance data

Tensile strength

ASTM D 638	: ≥ 10 MPa
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Abrasion resistance

ASTM D 4060	: ≤ 85 mg loss
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Directions to use :

Ensure that the sealer or prime coat is fully dried. Mix Cipoxy FC 500 TE resin, hardener, EPI and aggregates as per set. Agitate the mixture for 3-4 minutes and apply by roller at a thickness of 500 microns. Roll the material evenly with a textured roller within 5 minutes of spreading of material and allow to cure overnight. Allow trafficking after 48 hours.

Packaging and storage

Cipoxy FC 500 TE is available in 18.74 kg set packing and has a maximum shelf life of 12 months in the unopened container.

Health and safety precautions

Cipoxy FC 500 TE does not fall under hazardous classification. The Product should be stored in accordance with National regulations. It should be kept in a cool, well ventilated shaded area, keep away from heat, direct sunlight, sparks and children. Handle with care. For further information refer to the Material Safety Data Sheet available for this product.

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Disclaimer

All information contained in this data sheet is given to the best of our knowledge but no warranty is made with respect thereto. This data sheet becomes invalid as soon as a new edition has been published. Please contact us for latest edition. Description and advice regarding Cipy's products are based on long term field and laboratory test carried out by us and guaranteed accurate.

No condition of warranty is given covering the results from the use of materials in the circumstances of any particular application, because the storage, handling and application of the materials are beyond our control.

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