

APCODUR EPOXY MIO COATING

PC 2469

Two component, epoxy polyamide composition with micaceous iron oxide pigment

Features

- * Designed for use as an epoxy intermediate in protective coating systems for steel and concrete structures
- * Good resistance to moisture and saline conditions
- * Good abrasion resistance
- * Easy application by brush, conventional spray and airless spray

Technical Data

Colour	Brown
Gloss	Eggshell - Matt
Volume solids	Approx. 50 %
Recommended DFT / Coat	50 - 100 microns
Theoretical covering capacity	10 Sq. mtr/ l. @ 50 microns DFT 5 Sq. mtr/ l. @ 100 microns DFT
Drying time at 30°C	Surface dry - 2 hours Hard dry - 16 hours Full cure - 7 days
Overcoating interval at 30°C	Min. : 16 hours Max. : 1 month, provided surface is dry and clean from all contamination
Shelf life (cool & dry place)	At least 12 months.
Flash point	Base - not less than 21°C Hardener - not less than 21°C

Directions for use

Surface Preparation & Substrate Condition:

- Suitable zinc primer or epoxy primer, dry & free from all surface contamination. In case of aged epoxy coating, the surface should be sufficiently roughened prior to painting.
- For application over weathered zinc primers, ensure white rust removal by thorough water scrubbing/high pressure water cleaning. A mist coat is recommended when applied over zinc rich primers.
- Surface temperature must be atleast 3° C above dew point but not above 50° C.

Mixing:

Stir the base and hardener separately. If settling is observed in the base or hardener, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows:

Mixing Ratio	:	Base : Hardener
(by volume)		5 : 1
Induction time	:	30 minutes
Pot life at 30°C	:	5 hours

Application:**Brush / Roller**

Recommended thinner : T - 121 / T 141
Volume of thinner : 0 - 5 %

Air Spray

Recommended thinner : T - 121 / T 141
Volume of thinner : 15 - 25 %
Nozzle Orifice : 1.5 - 3.00 mm
Nozzle Pressure : 0.3- 0.4 MPa (= approx 3-4 atm, 43-57 p.s.i.)

Airless Spray

Recommended thinner : T - 121 / T 141
Volume of thinner : 5 - 10%
Nozzle orifice : 0.48 - 0.53 mm
Nozzle pressure : 19 MPa (= approx. 190 atm; 2800 p.s.i.)

Storage & Packing

Storage: Store in a cool, dry place. Store in accordance with local regulations.

Packing: 20 litres.

Safety Information

As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

Please refer our Material Safety Data Sheet prior to using the product.

Disclaimer:

To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.

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