

DESCRIPTION

Induscoat® EP MCCR 100 is a high performance, moisture compatible corrosion resistant protective coating system for application on moist and dry surfaces of concrete and steel. It is manufactured under technology know how from CSIR - Karaikudi.

Recommended for application on RCC, prestressed concrete and steel surfaces for protection against corrosion.

CHARACTERSTICS

- Excellent adhesion on moist surfaces
- Excellent resistance to corrosion under harsh conditions
- Finds use in structures such as cooling towers, channels, basins, foundation of marine structures, bridges, decks, Sewerage treatment plants, water retaining structures, structural steels, pipelines, foundation, fertilizer and bagging plants

TECHNICAL DATA

Type	High performance moisture compatible corrosion resistance coating system - CECRI
Touch Dry	2 hours at 30-35°C
Coverage	4-4.5 m ² /Litre
Mixing Ratio	3:1 by volume (A:B)
DFT ASTM-D1186	160 µm (± 10)
Recoating	24 hours
Color	Grey, red
Volume Solids	70% ±2
Shelf Life	12 months when stored in cool & dry place
Pack Size	20 litres

Properties tested at CECRI

Salt Spray (ASTM-B 117)	passes 2000 hours
Resistance to sea water	passes - 6 months
Coating Resistance	10 ⁹ Ω.cm ² - for 6 months
Adhesion (ASTM-D 4541)	>4.5 N/mm ²
Impact (ASTM G 14-04)	passes - 45 cm
Flexibility (ASTM D-522)	1/8" passes

Application Procedure

- Clean substrate thoroughly, removing dust, cement slurry, and oily residues using wire brushes or grinding.
- Seal cracks, crevices, and joints with EP Putty/EP Seal before MCCR 100 application.
- Mix MCCR 100 base & curing agent, allowing it to sit for 10 minutes.
- Apply TWO COATS with a minimum 24-hour interval.
- Prohibit smoking or open flames during application/storage

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience.

As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part.

This technical data sheet supersedes all previous editions relevant to this product.

