MCC - 2715

EPOXY HIGHBUILD SOLVENT FREE COATING

➢ PRODUCT DESCRIPTION

Metcon MCC 2715 is a high performance solvent free epoxy coating having 100% solids for corrosion protection of steel, concrete, wood, metal even under total immersion condition.

➢ RECOMMENDED USAGE

Metcon MCC 2715 contains specialty blend of Polymer Resins, pigments as filler and cured with Poly-amino-amide system giving excellent corrosion resistance with hardwearing properties and excellent resistance to marine/ salt water atmosphere. The coating gives exceptional film building properties and is ideal for hulls of boats, deck finishes, cargo holds etc.

➢ DIRECTIONS FOR USE

The substrate to be painted should be thoroughly cleaned for all sorts of dirt and contamination. Both parts are to be mixed in the given ratio and to be applied by brush, roller or airless spray at around 150 - 250 microns. In general one coat is sufficient. It is however recommended that a coat of our Aliphatic Polyurethane coating is given for areas prone to prolonged UV to avoid fading /chalking of the Epoxy coating.

➢ TECHNICAL SPECIFICATIONS

1. Colour	Any standard colour
2. Gloss	Semi gloss finish
3.Abrasion Resistance ASTM D4060 (CS17 wheel1 kg load)	40 mg loss/1000 cycles
4. Impact Resistance ASTM G14 (23 in lbs)	1 Kg/25 cm /12.7mm ball diameter
5. Dry Heat Resistance ASTM D2485	100^{o}C
6. Salt Fog Resistance ASTM B117 (2000 hrs)	unaffected
7. Humidity Resistance BS 3900 Part F2	1000 hrs
8. Water Vapour Permeability ASTM D1653	1.2 gm.mm/m^2/24 hrs
9. Direct Pull Adhesion ASTM D4541	63 Kg/cm^2
10. Recommended coatings Thickness	150-250 microns
11. Application	Brush/ Roller or Airless Spray
12. Coverage per ltr	6.5m^2 at 150 microns
13. Surface preparation	Surface to be thoroughly sanded with 80 grade paper to eliminate contaminations. Ensure humidity is less than 85% and temperature above 20^{o}C at time of application

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The information contained above is given in good faith but without warranty as the method and conditions of use of our products are beyond our control.
For further details on application and precautions please contact:

METCON COATINGS & CHEMICALS (INDIA) PVT. LTD.
ISO 9001 : 2008 Certified

Works & Admn. Office : Plot No. C-310, Pawne Village, TTC MIDC Area, Pawne, Navi Mumbai-400 705. Maharashtra (India)
Tel.: 91 (22) 41412424 (100 lines)
E-mail: info@metconcoatings.com Website: www.metconcoatings.com

➢ PHYSICAL CONSTANTS

	Resin	Hardner
Mixing Ratio (by volume)	3	1
Appearance	Thixotropic coloured liquid	Opaque liquid
Operating Temperature Dry Heat Wet Heat	 200°C 120°C	 120°C 70°C
Volume solids	100%	
Thinner	Epoxy thinner MCC 6002710	
Drying time @ 20°C Usable life (Pot life) Touch Dry Hard Dry	 50 minutes 12 hrs 16 hrs	

➢ CHEMICAL RESISTANCE

Acetic Acid 0-10%	Good
Hydrchloric Acid 0-20%	Excellent
Phosphoric Acid <75%	Satisfactory
Nitric Acid 0-10%	Excellent
Sodium Hydroxide	Excellent
Nitrous Acid Dilute	Excellent
Sulfuric Acid 0-20%	Excellent
Sulphur Dioxide wet	Excellent
Hydroflouric Acid 10%	Satisfactory
Chlorine	Satisfactory
Sea Water	Excellent

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