

Product Information



METCON MCC – 2712 EPOXY HIGH BUILD INTERMEDIATE MIO COATING (80%)

➤ **PRODUCT DESCRIPTION**

Two-component polyamide cured highbuild Epoxy MIO based coating provides excellent chemical & weather resistance in moderate to severe corrosive atmospheric conditions. As a Tie Coat, the coating adheres strongly to epoxy primer coated, epoxy zinc rich primer coated surfaces, inorganic zinc silicate primer coated surfaces and concrete etc., forming a tough & hard, abrasion resistant, durable film. The thickness of the coating can be built up suitably to meet DFT specifications for marine conditions. It can be applied directly on aluminium, stainless steel, galvanized steel surface, concrete piers and superstructures and pipelines.

It provides excellent mechanical properties, chemical and saline water resistance and also provides excellent resistance to lubricating oils, petroleum and related products.

➤ **RECOMMENDED USAGE**

Used as high performance coating in Chemical Industries, RCC structures, Pharmaceutical and paper industries, Waste Water treatment plants, Oil Refineries and Textile fields. Suitable for use as an intermediate high build coating as a part of high performance coating system to provide an anticorrosive barrier in areas where aggressive corrosion conditions prevail.

➤ **TECHNICAL SPECIFICATION**

1. COLOUR	: Grey
2. FINISH	: Available in Eggshell & matt
3. VOLUME SOLIDS	: Available in 80 ± 3 %
4. PRODUCT WEIGHT(Base)	: 1.76 Kg/ltr
5. MIXING RATIO	: 3 Parts of Base to 1 Part Hardener (By Volume) Material is supplied in two containers as a unit. Always mix a complete unit in the proportion supplied. Once the unit has been mixed it must be used within the working pot life specified. Agitate Part A (base) with a power agitator. Add entire contents of Part B (curing agent) with Part A & mix thoroughly with power agitator.
6. THINNER	: Epoxy thinner
7. MATURATION PERIOD	: 15-20 Minutes
8. SURFACE PREPARATION	: Prior to application of MCC 2712, it must be ensured that the surface to be coated should be clean dry and free from contamination. The coating should be always applied over a primed surface over a recommended anti-corrosive coating system.
9. APPLICATION METHOD	: Brush, Airless spray, Roller

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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

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10. WORKING POT LIFE	10°C	15°C	25°C	40°C
	8 hrs	6 hrs	4 hrs	2 hrs
11. DRYING TIME at 30°C	Touch dry : 1 – 2 Hrs. Hard dry : 12 Hrs. Full cure : 7 Days.			
12. RECOMMENDED DFT	: 120 – 150 Microns			
13. OVERCOATING INTERVAL	: 16-18 Hrs.			
14. FLASH POINT	: Base (Part A) 34°C	Curing Agent (Part B) 33°C	Mixed 33°C	
15. THEORETICAL COVERAGE	: 5.33 sq.mtr / Ltr at 150 microns DFT			
16. STORAGE	: 12 months at 25°C, Store in dry, covered condition away from source of heat and ignition.			
17. PACKING	: 25 Litre Dual Pack			
18. CLEAN UP	: It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations / legislation.			
19. SAFETY PRECAUTIONS	This product is intended for use only by professional applicator in industrial situation in accordance with advice given on this sheet and Material Safety Data Sheet, Use of personal protective equipment and adequate local exhaust ventilation is recommended during application.			

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