



MASTER EPOXY ZINC RICH PRIMER

Material Safety Data Sheet

Master Epoxy ZR (zinc Rich) Primer A two pack epoxy hi-build coating recommended for use in industrial and corrosive marine service, zinc rich primer specially formulated for excellent corrosion resistance for high performance system. It contains 90% zinc on dry film. A high-performance zinc rich anti-corrosive primer for protection of steel in aggressive environment such as onshore and offshore structures, platforms, pipelines, refineries, petrochemical plants and bridges.

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PRODUCT INFORMATION

Description: Master Epoxy ZR (zinc Rich) Primer A two pack epoxy hi-build coating recommended for use in industrial and corrosive marine service, zinc rich primer specially formulated for excellent corrosion resistance for high performance system. It contains 90% zinc on dry film. A high-performance zinc rich anti-corrosive primer for protection of steel in aggressive environment such as onshore and offshore structures, platforms, pipelines, refineries, petrochemical plants and bridges.

Recommended Use: Zinc rich epoxy primer to applied over abrasive blast cleaned surfaces or as a field maintenance primer. May be used to repair itself or inorganic zinc primers. Zinc pigment provides cathodic protection and film undercutting resistance to corrosion. Performance similar to hot dipped galvanizing..

Product Features Anticorrosive epoxy primer for use on blast cleaned steel. Used with other high performance coatings to enhance the durability of complete system.

PHYSICAL CONSTANTS:

Composition:	
Color	Silver Grey
Generic Type	Epoxy
Finish	Silk
Vol Solid	53 %
Mixing Ratio	3:1
Spreading Rate	10.6 m ² / L. @50 µm dft.
Recoating Time	2 4 Hours
Drying Time	40 50 Minutes at 30 °C.
Induction Time	30 minuts
Pot Life	24 Hours
Curing Time, 30 °C	Attains maximum hardness and chemical resistance 2 4 days.
Weight / Liter	1.60 – 1.90 kg.mix.
Thinner/Cleaner	Epoxy Thinner
Flash Point	23 C, 73 °F
Further coat	Epoxy Top Coat Or Pu Top Coat
Packing size	04.00 LTR KIT.

APPLICATION DETAIL

STEEL

Blast Cleaning:

APPLICATION:

Airless spray, use brush for small areas. Mix individual components to uniform consistencies, and then combine in recommended ratio, allow standing half an hour before use. Use of thinner other than that specified or recommended may adversely affect the product performance. Mix only that quantity which is supposed to be consumed within the pot life of paint.

Conditions during application

The temperature of the substrate should be min. 3°C above the dew point of the air, temperature and relative humidity not more than 70% measured in the vicinity of the substrate. Good ventilation is necessary when the paint is used in confined spaces. Mix the paint to uniform consistency before application.

Typical Painting System On Steel

Master Epoxy Zinc Rich Primer	1 x 50 µm
Master Epoxy Top Coat (if Required)	2 x 50 µm



Storage The product must be stored in accordance to national regulations. The product should be kept in well-ventilated place, protected from heat and direct sunlight. The containers must be kept tightly closed.

Handling Handle with care. Stir well before use.

SAFETY AND ENVIRONMENTAL NOTES:

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

