Data Fact Sheet
SILOX-ZR 88

SILOX-ZR 88 Two Component ZINC Rich EPOXY PRIMER

DESCRIPTION

SILOX-ZR 88 is a zinc rich primer based on epoxy and polyamide with high content of zinc metal. Our zinc rich coating is a specialized primer designed to provide exceptional corrosion protection to steel surfaces with concentration of zinc particles. SILOX-ZR 88 has excellent adhesion properties with high bond to steel surfaces, ensuring a strong and durable coating and long-lasting finish.
SILOX-ZR 88 is a good Chemical Resistance to Acids & Alkalis.

FIELD OF

Steel structures:
Bridges, buildings, pipelines, skeletons of buses and trains, other steel Structures exposed to harsh environment.

Marine environment:
Ideal use in marine environments, such as off-shore platforms,decks, hulls, bottoms of ships and boats.

Industrial applications:
Suitable for use in various industrial applications, including chemical plants.electric power stations protection of water pipelines. It can resist chemical conc to 25% like NaoH- HCL-NaCL.

TECHNICAL DATA

Colour	:Metal Gray
Finish	:Flat
Delivery viscosity	:12000±1000 CP
Specific gravity	:1.8±0.2
Solid by weight	:88±2%
Ash	:65±2%
Theoretical spreading rate	:6-8 m^2/ kg (50±10 µm dry)
adhesion strength	: › 3Mpa
Wet film thickness	:100 µm
Dry film thickness	:50±10 µm
Drying time	
Surface	:30 min. (at 25℃ & 60% R.H)
Full cured	: 5-7 days according to film thickness (at 25℃ & 60% R.H)
Mixing ratio	
By weight	:8 parts:1 part
Pot life	:4 hours (at 25°℃ & 60% R.H)
Time to Recoat	
Min.	:4 hrs (at 25℃ & 60% R.H)
Max	:6 days (at 25℃ & 60% R.H)
Shelf life	:6 months (at 25℃ & 60% R.H)
Thinner	:SILOX thinner
Hardener	:SILOX hardener

APPLICATION METHODS

By brush and roller	:for small areas
By airless spray	
Nozzle orifice	:0.020" - 0.03" mm approx.
Nozzle pressure	:min.250 bar
Volume of thinner	:12-15 % SILOX thinner

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SURFACE PREPARATION
Sand blasting to Min. Sa 21/.
All surfaces must be properly abrasive blasted or sanded and cleaned.
Abrasive blast steel to EN ISO 12944, part 4 (SA 2.5) with a uniform blast profile.
Surface must be dry and free from any contamination, e.g. oil, grease

Precautions:
During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the Chemical Industry.
For Health and Safety information please refer the Material Safety Datasheet (MSDS)

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