BCI BUILDING CHEMISTRY INDUSTRY

BC Poxy zinc rich 859

Product Description:

BC Poxy zinc rich 859 is a two component, metallic zinc rich epoxy primer formulated to provide corrosion protection to steel substrates in both maintenance and new construction situations. As a high performance anti-corrosive primer, It gives maximum protection as part of any anti-corrosive coating system for aggressive environments including those found on offshore structures, petrochemical facilities, pulp and paper plants, bridges and power plants.

Advantages:

Provides excellent corrosion protection
No need to mist coat - saves time
Economical zinc rich epoxy
Can topcoat with a range of coating types, such as epoxies, polyurethanes, and chlorinated rubbers.

Technical Data:

Colour	Grey
Mixed Ratio (Base : Curing Agent)	80 : 20
Volume Solids Ratio	Approx. 64%
Gloss	Matt
Recommended DFT / Coat	35 - 50 microns
Induction time	30 minutes
Hard Dry at 30°C	12Hours
Full Cure at 30°C	7 days
Pot Life	6 Hours

Typical Uses:

Suitable for structural steel and piping exposed a wide range of corrosive atmospheric environments. Recommended for offshore environments, refineries, power plants, bridges, buildings, mining equipment and general structural steel. Specially designed as a primer for coating systems where extended durability is required.

Surface Preparation:

Surfaces must be dry, clean and free from contaminants.
Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
Steel, abrasive blast clean to min. Sa 2 1/2 (ISO 8501-1: 2007) or SSPC –SP6.
A blasting profile of (Rz) 50-75 microns is recommended.

Building Chemistry Industry
Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.
Email: info@bcisaudi.com Website: www.bcisaudi.com

Mixing:

Mix hardener gradually into the base under continuous stirring as per the mixing ratio. Once the unit has been mixed, it should be consumed within the working pot life.

Continuous stirring is required during the application to avoid settling of zinc dust

Application:

Brush/roller
Conventional spray
Airless spray

Storage & Shelf Life:

The material should be stored at temperatures between 5°C to 35°C to ensure shelf life.

Shelf life is 12 months when stored as recommended in original unopened containers

Pack Size 1 KG or Customized

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