

Technical Data Sheet

SUPERGUARD ZINC RICH

PRODUCT DESCRIPTION :

A two-component anti-corrosive primer formulated with high-purity zinc dust (>80%) providing excellent rust prevention through cathodic protection. The coating offers outstanding chemical resistance, superior adhesion, and long-lasting durability.

RECOMMENDED USE :

Ideal as a primer for steel surfaces that have been properly prepared and require superior protection against chemicals, moisture, marine environments, and highly corrosive atmospheres. Typical applications include:
Industrial steel structures, Offshore oil rigs and platforms, Ports and harbors, Chemical storage tanks, Oil storage tanks, Ship hulls and marine structures.

TECHNICAL INFORMATION :

Type	Two-Component Epoxy Zinc-Rich Primer	
Color	Grey	
Film Appearance	Matt	
Solid by Volume (%)	65±2	
Zinc Content (%)	82±2	
Flash Point	30+2	
Specific Gravity	30 °C	
Wet Film Thickness	115-155	microns
Dry Film Thickness	75-100	microns
Theoretical Coverage	6.5-8.66	sqm. / Ltr.

Remark: The actual paint coverage may vary depending on the surface condition, mixing ratio, environmental conditions during application, application methods and techniques, as well as the structure and size of the object to be coated.

Mixing Ratio	Based : Hardener = 80 : 20 (By Volume)	
Pot Life	1-2 Hours @ 25-30 °C	
Touch Dry (25-30 °C)	30	mins
Recoat Dry (25-30 °C)	5-6	Hrs. (over night)



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APPLICATION :

Tools

Roller / Brush / Airless Spray

Mixing / Cleaning

Thinner 4k No.65 / Thinner for Epoxy

Dilution (%)

5-10 % By Volume

APPLICATION SYSTEM :

Surface preparation

Rust removal

Perform abrasive blasting to achieve ISO 8501-1 Sa 2.5 or SSPC-SP 10 (Near White Metal Blast Cleaning) for optimal cleanliness.

Painting System (Steel)

Primer Coat

SUPERGUARD ZINC RICH

Intermediate Coat

SUPERGUARD HB MIO / SUPERGUARD HB

Topcoat

SUPERGUARD FX-G (Internal)

SUPERGUARD PU 777 (External)

Recommendation

The surface to be painted should have a temperature between 10-50°C, and the relative humidity should not exceed 85%.

HANDLING AND STORAGE :

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Shelf Life

2 years

Packing

3.785 Ltr.

Part A = 3.028 Ltr. / Part B = 0.757 Ltr.

18.925 Ltr.

Part A = 15.14 Ltr. / Part B = 3.785 Ltr.

HEALTH AND SAFETY :

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

