

Technical Data Sheet

SUPERGUARD 36

PRODUCT DESCRIPTION :

A two-component epoxy coating with a thick film, serving as both primer and topcoat for drinking water. It provides excellent adhesion, durability, impact, and scratch resistance, and is suitable for both fresh and saltwater exposure.

RECOMMENDED USE :

Suitable for the interior of drinking water pipelines and drinking water storage tanks.

TECHNICAL INFORMATION :

Type	Two-Component Epoxy Coating for Potable Water	
Color	Blue	
Film Appearance	Semi - Gloss	
Solid by Volume (%)	80±2	
Flash Point	25 °C	
Specific Gravity	1.50±0.05	
Recommended Thickness	300 - 400	microns
Wet Film Thickness	100	microns
Dry Film Thickness	80	microns
Theoretical Coverage	10	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	10 Hours @ 30 °C	
Touch Dry (25-30 °C)	3-4	hours.
Recoat Dry (25-30 °C)	6-8	hours. (over night)
Hard Dry (25-30 °C)	5-7	days.

PRODUCT STANDARD :

AWWA C210: Liquid-Epoxy Coatings and Linings for Steel Water Pipe and Fittings

ASTM D4541-02: Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers

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APPLICATION :

Tools

Roller / Brush / Airless Spray

Mixing / Cleaning

Thinner 4k No.65 / Thinner for Epoxy

Dilution (%)

Roller : 5-10% by weight

Airless spray : 15-20% by weight

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

Primer Coat

SUPERGUARD 36 BLUE

Topcoat

SUPERGUARD 36 BLUE

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.

