

Super Zinc Aluminium

WATER BORNE ANTI CORROSION TREATMENT

Product Description

Zinc and aluminum powder-rich coating provides cathodic protection and can be used as an alternative to hot-dip galvanization. This product is an advanced solution of zinc and aluminum matrix, whereas the aluminum hydrophobic qualities protect and inhibit the zinc degradation, when acts as a sacrificial anode.

Uses:

Used for treating damaged ferrous metals from rust and corrosion developed in a severe corrosive atmosphere, classified C5 C5M, inhibits spreading and prevents new formation of rust and corrosion. Suitable for galvanized metals to restore galvanization, provides the appearance of a hot-dip galvanized finish to black steel. Recommended for galvanizing and protection of ferrous metal structures such as: ships, ports, metal structures, gas and fuel pipes, chemical industries, desalination plants also can be used for concrete sealing.

Benefits

Water-based, Environmental-safe, one component, nonflammable, nontoxic, nonexplosive, high-adhesive.

One pack coating as an alternative to basecoat and topcoat paints. Can be overcoated with desired paint.

Specifications

Color	Gray
Gloss	Matte
Solids content	65-70%
Recommended layer thickness	50-75 μ m
Theoretical coverage	8 m ² /liter
Recommended no. of layers	2
Application	Brush Roller Spraying
VOC	Zero

Drying time at an ambient temperature of 25C

Touch dry	1/2 - 1 hour
Dry to handle	1 hour
Dry to overcoat	2 hours
Fully cured	24 hours

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Preparation

Remove all rust scales, loose paint, grease and other dirt by water pressure washer (garnick preferred).
Remove rust fungi by brushing mechanically.

Application instructions

Stir thoroughly before use. Apply evenly on the surface a layer of at least 75 µm.
Product must be applied at an environmental temperature of 5°-45°.
Product must not be applied outdoors when rain or sand storms are expected.

Spraying instructions

Nozzle size 1.8-2.4; atmospheric pressure 3-5 psi.

Recommended system for corrosive areas

Layer	Product	Layer thickness
Basecoat	Super zinc aluminum base	2 layers of 75 µm
Topcoat	Super zinc top	2 layers of 50 µm

Cleaning instructions

Immediately after use, Tools must be washed with water!

Packaging size

5 kg; 18 kg.

Storage and expiration

Use only original containers tightly closed, in a dry, cool space.
Product shelf life 12 months.

Safety instructions

Before use, read safety Data Sheet and act accordingly.

Health and safety hazards

No concern for burns or chemical reaction. Nevertheless while applying, wearing protective glasses and work in a well ventilated areas are recommended.
In case of eye contact, rinse thoroughly and seek medical advice.
Package must be kept tightly closed. Keep out of reach of children.
Do not mix with other substances.
All data and recommendations is given based on practical testing know-how and experience, assembled in the laboratory and in the field and are highly reliable.
We hereby disclaim any responsibility expressed or implied.
We guarantee only the quality of the product.
Determination of suitability of products is the sole responsibility of the user.
We retain the right to update and change data without any further notice.