

ALEXZINC SILICATE



Two Component Moisture Curing Ethyl Zinc Silicate Primer

Description

ALEXZINC SILICATE is two components, inorganic ethyl zinc silicate primer and coating

Uses

- Used as a tank lining.
- Used as high performance system primer.
- Suitable as a good anti-corrosive primer in various paint system based on unsaponifiable blinks.

Advantages

- Good impact and abrasion resistance.
- Good chemical resistance.
- High zinc content resulting in excellent corrosion protection.
- Do not expose to severe acidic or alkaline mediums.
- Temperature range of coated substrate can vary from -50°C to +400°C
- Resists splash of strong solvents.
- Highly anti corrosive protection to steel structures.

Surface preparation

- All surfaces must be sound, clean free from water oil ,grease and other contaminants.
- Weld seams must be burned and any rust area formed must blast clean to SA 2 1/2
- Substrates dew point.

Properties

Colour	Grey	
Pot Life	30 min	20°C
	20 min	35°C
Density	2.00 g/cm ³	
Solid volume	65%	
Dry film thickness	50-100µm	
Touch dry	30 minutes	
Flash point	26°C	
Full cure	24 hours	20°C
	16 hours	35°C
Over coating interval	minimum 24 hours	

Guide to application

Mixing:

- Mixing ratio by volume:
Blinder to zinc powder 30:70
- Add the zinc powder to the blinder container gradually and mix together using a mechanical mixer.
- Mix till uniform and filter through 30-60 mesh sieve before use.
- Stir continuously during application.

Application:

- Thinner should only be added after proper mixing of the component.
- Brush, roller or spray can be used for painting.

Volume of thinner		
	Airless Spray	Air Spray
Nozzle size	0.65 mm	2.00 mm
Nozzle pressure	15Mpa(2100psi)	0.4Mpa(60psi)

Brushed: Used only if spot repairing is required.

Coverage:

8.67 m²/ lit @ 75 micron D.F.T

Packing:

Is supplied in 5 kg, 20 kg

Shelf life:

Up to 12 months if stored in unopened Containers according to the manufactured Instructions.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

Safety precautions:

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to skin and eyes immediately,
- If accidentally ingested seek medical attention.
- Product is flammable.

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