

ROSALEE INORGANIC ETHYL ZINC SILICATE PRIMER

➤ Scope

Two-pack solvent borne Rosalee Inorganic Ethyl Zinc Silicate Primer which will be cured in presence of environmental humidity after application.

➤ Areas of Application

This primer gives the highest protection from corrosion to blasted steel. It has got all weather performance properties and can be applied by airless or conventional spray. It contains metallic zinc which provides long term protection from corrosion. It's potential applications covers areas like structural steel and pipes, tank exteriors, bridges, offshore platforms, marine hulls, superstructures and decks and industries like petrochemical complex, refineries, fertilizer units, power plants, smelters, cement plants, paper and pulp plants, transportation industries, chemical plants, etc. It can also be used as a primer for buried pipelines, tanks/boilers and structures. It is also recommended as a primer for high temperature areas (Max 400 Deg C). It is advisable to apply subsequent high build intermediate coats.

➤ Technical Data

- Colour : Grey
- Finish : Matt
- Theoretical Spreading Rate : 8 to 9 Sq.Mt / Ltr at Recommended Dft of 75 μ
Depending Upon Blasting Profile and Mixing Ratio
- Flash Point : Above 10°C
- Drying Characteristics : Surface Dry: 20 - 30 Minutes
(At 65% Relative Humidity & At 30°C): Hard Dry : 16 - 24 Hours
: Full Cure : 7 Days
- Shelf Life : Base : 6 Months
: Hardener : 6 Months

➤ Surface Preparation

STEEL - Dry abrasive blast in accordance with Swedish Standard Sa 2½ SIS 05 5900 - 1967, ISO 8501-1 or SSPC-SP10 with a blasting profile of 45 - 70 microns. The surface should be absolutely dry, oil and salt free before application of the primer. The primer should be applied immediately or within 4 hours after blasting and incase it is extended; the surface should be cleaned by sweep blast to remove any flash rust that may have formed.

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➤ Application Data

Mixing ratio	: Part a: Part b -as per our recommendations
Application	: By conventional spray / by airless spray
Thinner	: Rosalee thinner for zinc silicate
Pot life	: 3 to 4 hours min at 30°C
Recommended dft	: 60 -75 µ.
Overcoating interval	: Min: 24 hours (if relative humidity is more than 65%) Max: Indefinite (surface should be free from zinc corrosion products & other impurities.
Compatibility	: Compatible with Epoxy, PU, CR based and Heat Resistant paints.

➤ Directions for Use

1. Open the packing just before use.
2. Pour the Liquid part in a moisture free container and add zinc dust slowly in to it, as per the recommendation.
3. Stir the mixture gently to homogeneity. Add special thinner into the mixture and stir gently for few minutes.
4. Strain the mixture through 80 mesh screen and apply uniformly over the surface.
5. Stirring should continue till the total mixture is consumed.
6. If Relative Humidity is less than 40%, it is advisable to sprinkle water over the primed surface after about 30 minutes of application.

➤ Application

By Conventional and by Airless Spray only. While over coating apply by mist coat/full coat technique. Do not apply when temperature falls below 10°C or rises above 50°C. Do not apply during rain, fog, or mist. Minimum Surface temperature must always be of 3°C above Dew point.

➤ Health & Safety

This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.

➤ Disclaimer

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