

PRODUCT DESCRIPTION

Inorganic Zinc Rich Silicate

A two pack, solvent based, inorganic zinc rich ethyl silicate primer, containing 85% zinc by weight in the dry film. Provides excellent corrosion protection to correctly prepared steel substrates.

PRODUCT APPLICATION

As a base coat for a wide range of above water line coating schemes to greatly enhance corrosion resistance. For use at New building or Maintenance & Repair.

PRODUCT INFORMATION

Color	Grey
Packing	16 Liter pack
Mixing Ratio	1 : 2.3 Part A & B by Weight. (Part B is Zinc dust in powder form)
Volume Solids	62% ± 3% (ASTM 2697-86)
Working Pot Life	2 hours 30°C (at higher temperatures pot-life decreases)
Touch Dry	5- 10 mins at 30°C
Hard Dry	20- 40 mins at 30°C
Recommended DFT	50 - 75µm(100 - 150µm) on wet condition
Theoretical Coverage	6 to 8 m ² /litre at 50 microns DFT, allow appropriate loss factors
Over Coating Interval	20- 40 mins at 30°C (After touch dry). or Use Prior to over coating, carry out a MEK Solvent Rub Resistance test (ASTM D4752) where a value of 4 indicates a satisfactory degree of cure for over coating purposes.
Shelf Life	At least 6 month when stored in sealed containers

APPLICATION DATA

Coating Thickness	50 ~ 75 µm(DFT)
Surface Preparation	<u>Steel:-</u> <ul style="list-style-type: none"> ✓ Near white metal -Sa2.5(ISO 8501-1) with anchor profile 40 ~ 75µm(SSPC-SP10) ✓ ensure blasted steel free from re-rust,oil,sand,moisture or any another contaminates
Method of application	<ul style="list-style-type: none"> ✓ Airless Spray, Conventional Spray. Roller and Brush not recommended. Stripe coat by brush only. ✓ Airless spray : Tip size -0.015 inch to 0.021 inch ✓ For Conventional spray a moisture and oil trap in the air supply line, mechanical agitator are recommended
Thinning ratio	Not necessary, if required use 5%
Cleaner	Iso propyl alcohol / Butyl Cello solve

ENVIRONMENTAL CONDITIONS

- ✓ Air Temperature -5 ~ 54°C
- ✓ Substrate Temperature -5 ~ 60°C
- ✓ Relative Humidity :- up to 85%