

Nerolac Etch Primer

Product Description

Air drying etch primer based on zinc tetroxide chromate and polyvinyl butyral.

Recommended Use

Nerolac Etch Primer is recommended for nonferrous metal like aluminum, tin, galvanized iron etc., It improves adhesion of subsequent coats to the substrate.

Product Details

PHYSICAL PROPERTIES

Colour	Yellow
Finish	Matt
Temperature Resistance	Non-continuous: 180°C, Continuous: 120°C

PRODUCT FEATURES

Excellent adhesion to non-ferrous metals
Excellent anti-corrosive properties

Product Details

Volume solids



10 ± 1%

DFT/Coat



8 - 10 µm

VOC (EPA Method 24)



800 gm/Lit

Theoretical Coverage/Coat



10 – 12.50 m²/litr.

Pack size

20 Ltr.: (10 Ltr.-Part A+ 10 Ltr. Part B = 20 Ltr. Mix).

Drying & Overcoating at 30°C & 65% RH

Surface (Touch) Dry	10 Minute
Hard Dry	1 Hr.
Full Cure	7 Days
Overcoating	Minimum 30 Mins.

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Surface Preparation

For Newly Build:

Make the surface free from oil, grease and other contaminants by using manual or mechanical tools.

For Old Surface / Maintenance and Repair:

Not Recommended.

Surface Cleanliness:

- Remove oil, grease and other contaminants by suitable cleaner as per SSPC-SP1
- Remove dust and any loose particles adhered to the surface.
- Surface should be clean & dry before application of coating

Application Instructions

Stir the Comp. A until homogenous. If settling is observed in component A, loosen the settled material & mix it with the help of pneumatic stirrer. Mix component B gradually into component A in the specified ratio under continuous stirring till homogeneous. Use Nerolac recommended thinner.

Mixing Ratio by Volume

Component A : Component B

1 : 1 By Volume

Pot Life

Up to 5 hrs. at 30°C

Curing Mechanism

Solvent release and chemical reaction between two components.

Thinner Consumption

Airless Spray

Nil

Brush

Nil

Conventional spray

0 – 5%

The product can be applied by:

- Airless Spray – Nozzle pressure: 175 bar [2500 psi] Nozzle orifice: 0.011–0.013"
- Conventional Spray
- Brush / Roller

During application following precautions should be taken:

- Relative humidity must be below 85% during application as well as during curing
- Do not allow material to remain in hoses, gun or spray equipment
- Clean all equipment with recommended thinner immediately after completion of job

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Environmental Conditions

Surface temperature must be 3°C above Dew Point to prevent condensation.

Air	5 – 40°C
Surface	5 – 50°C
Relative Humidity	Below 85%

Storage & Shelf Life

12 months under normal storage condition in original sealed containers at 30°C

Heavy pigments will have a natural tendency to settle down over time. Mix uniformly with heavy duty stirrer prior to usage. Hard settling may occur if stored above the recommended storage temperature

Safety Precautions

Please refer to the Material Safety Data Sheet.

Product Compatibility

Can be over coated with High Build Epoxy paint, CR & PU paint.

Special Notes

Thinner consumption may vary depending upon site conditions. Practical covering capacity depends on application techniques, ambient conditions, wastage, surface condition etc. The drying time and overcoating interval vary with respect to change in temperature, humidity, film thickness, ventilation, thinner intake etc.

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