

- All Type Paint Manufacture
- All Type Fire safety work



RUDRA
ENTERPRISE
AN ISO 9001: 2015 CERTIFIED COMPANY

81/19-A, G.I.D.C., Near Vadsar Bridge, Makarpura, Vadodara-390010. Gujarat M. : 95589 42038 Email : rudraenterprise.info@yahoo.com Web. : www.rudraenterprise.info



REE -116

Two component air drying Polyamide cured Micaceous Iron oxide Epoxy primer.

RECOMMENDED USE:

Recommended as an intermediate coat for suitably cleaned MS,GI, Aluminum surface in OEM equipment painting as well as an anti-corrosive primer in Process industries like fertilizer plants, Refineries, Petrochemical complexes for protection of steel pipelines and structures from corrosion. Also the primer withstands high chemical resistance and it is recommended for highly saline atmospheres.

PHYSICAL DATA

COLOUR: Red Oxide

FINISH: Matt

SOLIDS BY VOLUME: $80 \pm 3\%$

THEORITICAL COVERAGE: 4.5 sq mtr / ltr at recommended DFT of 125μ .

FLASH POINT Base: Normal; Hardener: Normal; Mixed: Normal

DRYING CHARACTERISTICS

Surface dry: 20-30 Minutes;

Hard dry: 24 Hours;

Full cure: 7 Days

(At 30 degree C and 60% Relative humidity)

SHELF LIFE

Base: 9 months;

Hardener: 9 Months At 25 degree C

APPLICATION DATA

MIXING RATIO Base: 4 Hardener: 1

MATURATION TIME: 30 minutes

POT LIFE 6 hours at 30 degree C

APPLICATION By Brush / By Air spray / By Airless spray

RECOMMENDED DFT : 75 μ per coat

OVERCOATING INTERVAL MIN: 8 hours; MAX: 24 hours

If exceeds, the surface should be roughened by emery scuffing.

COMPATIBILITY: Epoxy and polyurethane paints

Resistance Guide

Chemical Resistance

Exposure Splash and Spillages Mild Fumes/outdoor Resistance

Acids Good

Alkalis Good

Solvents Very Good

Salt Very Good

Water Very Good

Temperature Resistance

Continuous: 90 degree C

Intermittent: 120 Degree C

Weather ability: Very good with suitable top coat

Flexibility: Good

SURFACE PREPARATION

Remove grease, oil and other contaminants preferably using Degreasing solvent. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces.

HEALTH & SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during applying and drying to keep solvent vapor concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependent on application methods and work environment. This is a solvent based primer and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

APPLICATION METHOD

1. Stir the Base part thoroughly. Mix the base and hardener as per our recommended ratio of 4 : 1 by volume. Stir & mix thoroughly to attain homogeneity.
2. Add thinner into the mix, if required, depending on application method, and stir thoroughly for few minutes.
3. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction.
4. The temperature of the substrate should be minimum 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.
5. Good ventilation is usually required in confined areas to ensure correct drying.
6. All equipment's used for above should be properly cleaned.
7. Do not allow material to remain in hoses, gun or spray equipment.
8. Thoroughly flush all equipment with recommended thinner.

Application: By Brush/By Air Spray/By Airless Spray

For Brush application, a maximum of 5% thinner, if required, is to be added.

Use quality brushes for paint application.

Recommended Thinner

For Air spray application: 10-15%

For Airless spray application: Max 5%

Nozzle Orifice: 1.2 -1.4 mm for air spray and Nozzle Orifice: 0.28 mm for airless spray.

Nozzle Pressure: 40-70 p.s.i for air spray and Nozzle Pressure: 1400-1800 psi for airless spray.