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RUDRA PAINT



PLOT NO. 60/61, PANDOL INDUSTRIAL AREA, VED ROAD, KATARGAM,
SURAT, GUJARAT -395004

TECHNICAL DATA SHEET RP-306

HIGH BUILD EPOXY PAINT

RECOMMENDED USE

Recommended as a top coat for maintenance coatings in chemical and fertilizer industries, pharmaceutical complexes, refineries, bulk storage tanks, plants, pharmaceutical plants, automotive plants etc.

PHYSICAL DATA

COLOUR assorted shades

FINISH Glossy/Semi glossy/Matt

SOLIDS BY VOLUME 95±2%

THEORITICAL COVERAGE: 7 sq mtr / ltr at recommended DFT of 75μ.

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 Celsius and 65% Relative humidity)

SHELF LIFE: One Year in sealed container.

APPLICATION DATA

MIXING RATIO Base : 4 and 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 30microns
OVERCOATING INTERVAL MIN : 8 hours; MAX: 24 hours

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 : 93degree 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 paint 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 3 : 1 by volume. Stir & mix thoroughly to attain homogeneity.
2. Add AK – 579 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. Good ventilation is usually required in confined areas to ensure correct drying.
5. All equipment used for above should be properly cleaned.
6. Do not allow material to remain in hoses, gun or spray equipment.

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.

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.



Mfg by **RUDRA ENTERPRISE**

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THE FUTURE OF SURFACE PROTECTION

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