

DESCRIPTION

- a rapid drying water based epoxy acrylic modified primer for steel

PRINCIPAL CHARACTERISTICS

- designed specifically for continuous line application direct to tubular steel
- excellent anti blocking properties allowing for handling and packaging immediately after drying
- excellent short term corrosion resistance
- chromate free system
- excellent adhesion to bare steel
- water based, low odour, non-flammable
- readily strippable in caustic solution allowing other coating systems to be applied when required

Note: We advise that you test this product to determine if it is suitable for your particular use.

COLOUR AND GLOSS

- Sapphire Blue and Ultramarine Blue, Low Sheen (8-12 gloss units at 60°)

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- vehicle type..... water based epoxy acrylic modified polymer
- typical film thickness (per coat) 6-14 microns(dry), 25-58 microns (wet)
- solids content..... approx. 17-21% by volume
- viscosity (as supplied)..... 16-20 seconds (BS4)
- density 1.05-1.09 (depending on colour)
- touch dry after 20 seconds on pre-heated steel tube (at 60°C)
- dry to stack immediately after drying
- shelf life (cool and dry place) at least 6 months in unopened container

Drying times of water based coatings are influenced markedly by the ambient relative humidity. Little or no drying will take place on days with high humidity eg. rain or fog. In order to avoid poor film formation and maintain control over the drying time it is recommended that some form of force drying with good air circulation be installed.

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- specifically designed for application to clean washed black steel and galvanized tube surfaces
- best coating performance will be obtained with the highest degree of surface preparation
- degrease thoroughly to remove all oil, grease and other surface contaminants
- mild steel; remove all rust and any loose material by wire brush or mechanical sander
- substrate temperature should be at least 3°C above dew point
- relative humidity should not exceed 85%
- do not apply at air temperatures below 10°C
- for fast line application apply to steel substrate pre heated to 60-70°C

INSTRUCTIONS FOR USE

- stir thoroughly with a flat-bladed or mechanical stirrer before, and during use
- paint temperature must be above 15°C, otherwise extra water may be required to obtain application viscosity
- too much thinner will result in low sag resistance, slower cure, low film build and poor film performance.
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Watty!

APPLICATION

- **VACUUM COATER**
 - recommended thinner water
 - volume of thinner ready for use, may be thinned up to 5%
 - optimal coater settings and conditions should be determined by the customer

- **AIRLESS SPRAY**
 - recommended thinner water
 - volume of thinner ready for use, may be thinned up to 5%
 - nozzle orifice approx 0.33mm (0.013 inch)
 - nozzle pressure..... 12 MPa (1700 psi)
 - optimal airless spray settings and conditions should be determined by the customer

- **AIR SPRAY**
 - recommended thinner water
 - volume of thinner ready for use, may be thinned up to 5%
 - nozzle orifice 1.6 - 2.0mm
 - nozzle pressure..... 350 - 450 kPa (50-60 psi)
 - optimal air spray settings and conditions should be determined by the customer

- **CLEANING SOLVENT** water when wet, solvent or caustic when dry

SAFETY PRECAUTIONS

- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the Safety Data Sheet (SDS)

PACKAGING

200 litres

PRODUCT CODES

179832.200 WB Sapphire Blue 6921040

179839.200 WB ULTRAMARINE BLUE (RAL 5002)

**For the most up to date Information visit our website
or Contact Valspar Customer Service Hotline on:**

**www.wattylpc.com
132 101 (Australia) or 0800 735 551 (New Zealand)**



Quality
ISO 9001

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