Rustbuster Cold Galvanizing Paint

DESCRIPTION

One-component, zinc-rich epoxy primer

PRINCIPAL CHARACTERISTICS

- Good anticorrosive properties, the dry film contains 90% zinc by weight
- Designed for repair of two-component zinc epoxy primers and zinc silicate primers
- Can be used as a reconditioner for aged, derusted, galvanized steel
- Dries at temperatures down to –10°C (14°F)
- Dry heat resistance 125°C (260°F)with peaks up to 175°C (350°F)
- The superimposed system must be unsaponifiable
- Quick-drying, can be overcoated after a short interval

COLOR AND GLOSS LEVEL

- Gray
- Flat

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	One
Mass density	2.4 kg/l (20.0 lb/US gal)
Volume solids	38 ± 2%
VOC (Supplied)	Directive 1999/13/EC, SED: max. 246.0 g/kg max. 584.0 g/l (approx. 4.9 lb/US gal)
Recommended dry film thickness	35 µm (1.4 mils)
Theoretical spreading rate	10.9 m^2/l for 35 µm (435 ft^2/US gal for 1.4 mils)
Dry to touch	4 minutes
Overcoating Interval	Minimum: 2 hours Maximum: Extended
Shelf life	At least 9 months when stored cool and dry

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Steel; blast cleaned to ISO-Sa2½, blasting profile 40 – 70 µm (1.6 – 2.8 mils)
- Aged hot-dip galvanized steel with rusty spots; thoroughly derusted to ISO-St3 or ISO-Sa2½, blasting profile 40 – 70 µm (1.6 – 2.8 mils)
- Zinc rich epoxies and zinc silicates must be dry and free from any contamination

Substrate temperature

- Substrate temperature during application at -10°C (14°F) is acceptable; provided the substrate is free from ice and dry
- Substrate temperature during application and curing should be at least 3°C (5°F) above dew point

INSTRUCTIONS FOR USE

- Stir well before use
- The temperature of the paint should preferably be above 15°C (59°F), otherwise extra thinner may be required to obtain application viscosity
- Adding too much thinner results in reduced sag resistance
- Adequate ventilation must be maintained during application and curin

Air spray

Recommended thinner

Rustbuster Cold Galvanizing Thinner

Volume of thinner

20 - 25%, depending on required thickness and application conditions

Nozzle orifice

1.5 – 3.0 mm (approx. 0.060 – 0.110 in)

Nozzle pressure

0.2 - 0.3 MPa (approx. 2 - 3 bar; 29 - 44 p.s.i.)