PRODUCT DATA **COLD GALVANIZING COMPOUND 1085**

DESCRIPTION

RUST-OLEUM® Cold Galvanizing Compound 1085 is a fast drying, zinc rich primer based on a epoxy ester resin. The product contains pure zinc as pigment and provides cathodic protection.

RECOMMENDED USES

RUST-OLEUM Cold Galvanizing Compound 1085 should be used on new, bare steel, blasted steel or galvanized steel surfaces.

RUST-OLEUM Galvanizing Compound 1085 is primarily intended for brush application on small areas or for touch-up.

RUST-OLEUM Galvanizing Compound 1085 can be recoated with non-saponifiable coatings. RUST-OLEUM Galvanizing Compound 1085 should be used as a primer or as a single coat in light industrial exposures, corrosive environments and high humidity areas.

TECHNICAL DATA

Appearance: Flat Colour: Grey Density: 2.76 kg/ltr.

Zinc content: 90% by weight in the dry film

Solids Content: 47.6% by volume

85 - 90 KU /Krebs Stormer Units at 20°C Viscosity:

Recommended film thickness: 35 µm dry, equals 75 µm wet

440 g/l max. **VOC-content:** 461 g/l max. Ready-to-use mixture:

Category:

600 g/l (2007) / 500 g/l (2010) EU Limit values:

20°C/50% r.v. 30°C/50% r.v. **Drying times** 10°C/60% r.v. To touch: 15 minutes 30 minutes 15 minutes To handle: 2 hours 4 hours 1 hour To recoat: After 4 hours After 8 hours After 3 hours Full hardness 3 days 5 days 2 days

Heat resistance: 300°C (dry heat)

Coverage

Theoretical: 13 m²/l at 35 µm dry

4,7 m²/kg at 35 µm dry

Practical: Practical coverage depends on many factors such as porosity and

roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1: 1988), blast profile max. 50 µm. The surface must be clean and dry during application.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use. To avoid settlement of the zinc pigments on the bottom of the can stir regularly during application.

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Page: 1/2 - Ver. 03 The information contained herein is given in good faith. However, since application conditions are beyond our control, Rust-Oleum Netherlands B.V. cannot assume responsibility for any risks or liabilities which may result from the use of these products. The company reserves the right to modify data without prior notice.

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APPLICATION & THINNING

Brush: Up to 5 vol. %; RUST-OLEUM Thinner 160.

Use natural bristles, longhair brushes.

Cleanup: Use RUST-OLEUM Thinner 160 or aromatic hydrocarbons.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5 and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

REMARKS

Maximum dry film thickness per coat: 75 μ m dry, equals 160 μ m wet. RUST-OLEUM Cold Galvanizing Compound 1085 should preferably be applied in a maximum dry film thickness of 35 μ m if recoated.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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