

Cold Galvanizing Compound 1085



Description

RUST-OLEUM® Cold Galvanizing Compound 1085 is a fast drying, zinc rich primer based on an 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
Viscosity:	85-90 KU /Krebs Stormer Units at 20°C
Recommended film thickness:	35µm dry, equals 75µm wet
VOC-content:	440 g/l maximum
Ready-to-use mixture:	461 g/l maximum
Category:	A/i
EU limit values:	600 g/l (2007) / 500 g/l (2010)

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

Heat resistance: 300°C (dry heat)

Coverage

Theoretical: 13m²/l at 35µm dry
4.7m²/kg at 35µm 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 maximum 50µm. The surface must be clean and dry during application.

Directions 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.

Application & Thinning

Brush: Up to 5% volume; RUST-OLEUM Thinner 160. Use natural bristles, longhair brushes.

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

Safety

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

Shelf Life / Storage Conditions

Five 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.