

PRODUCT DATA 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:	35 µm dry, equals 75 µm wet

VOC-content:	440 g/l max.
Ready-to-use mixture:	461 g/l max.
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
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 m ² /l at 35 µm dry 4,7 m ² /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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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 µm dry, equals 160 µm wet.
RUST-OLEUM Cold Galvanizing Compound 1085 should preferably be applied in a maximum dry film thickness of 35 µm 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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