

RUST-OLEUM®
— INDUSTRIAL —



1085 COLD GALVANISING

Fast drying zinc rich paint

- Offers long-lasting cathodic protection of metal
- 90% zinc content
- Touch dry in just 15 minutes
- Heat resistance up to 300°C
- Ideal for touching-up galvanised steel, welding seems etc.

KNOW-HOW TO PROTECT™

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1085 COLD GALVANISING

DESCRIPTION

Fast drying, zinc rich primer based on an epoxy ester resin. Contains pure zinc as pigment and provides cathodic protection to metal.

RECOMMENDED USE

1085 Cold Galvanizing should be used on new, bare steel, blasted steel or galvanized steel surfaces. 1085 is primarily intended for brush application on small areas or for touch-up. Can be recoated with non-saponifiable coatings. 1085 should be used as a primer or as a single coat in light industrial exposures, corrosive environments and high humidity areas. Zinc content: 90% by weight in the dry film.

TECHNICAL DATA

Density (g/cm ³):	2,76
Gloss Level:	Matt
Corrosion Class:	C4 high protection
Solids Content in weight:	90%
Solids content in volume:	47,6%
Heat Resistance:	300°C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	15 minutes
Dry to handle:	2 hours
Dry to recoat:	4 hours
Fully cured:	3 days

RECOMMENDED WET FILM THICKNESS

75 µm

RECOMMENDED DRY FILM THICKNESS

35 µm

THEORETICAL CONSUMPTION

13 m²/l = 4,7 m²/kg

PRACTICAL CONSUMPTION

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.

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 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.

APPLICATION & THINNING: BRUSH

Up to 5% volume RUST-OLEUM Thinner 160.
Use natural bristles, long hair brushes.

APPLICATION & THINNING: AEROSOL

Remove cover cap. Shake vigorously for at least one minute after the rattle of mixing ball is heard. Shake frequently during use. Hold can at least 25 cm from surface. Use back and forth motion keeping can parallel with surface. Ensure that can is in motion when spray button is pressed to avoid runs and sags. Apply several thin layers at a few minutes interval to achieve adequate coating thickness. After use turn can upside down and press spray button for 2 - 3 seconds to clean valve.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160 or aromatic hydrocarbons.

REMARKS

Maximum dry film thickness per coat: 75 µm dry, equals 160 µm wet.
1085 should preferably be applied in a maximum dry film thickness of 35 µm if recoated.
On abrasive blasted steels, dry film thickness must of 50µm minimum according to the blasting profile, so it fully covers peaks of rugosity.

SAFETY DATA

VOC level:	440 g/l
VOC ready mix:	461 g/l
VOC category:	A/i
VOC limit:	600 g/l (2007) / 500 g/l (2010)
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

Minimum of 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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Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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