

RUST-OLEUM®

INDUSTRIAL



METAL CLADDING PRIMER

Rapid curing primer for metal cladding

- Single pack anti-corrosion primer
- Can be overcoated after just 1 hour
- Water-based product; low in VOC
- For all sound metal substrates and plastisol
- Available in 3 different colours to increase opacity of topcoat

KNOW-HOW TO PROTECT™

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METAL CLADDING PRIMER

DESCRIPTION

Water based quick drying primer for use on all metal substrates including bare or blasted steel, galvanized metal and plastisol®.

RECOMMENDED USE

Metal Cladding Primer can be used on a wide variety of substrates like bare or blasted steel, galvanized steel, zinc, aluminium and steel protected by plastisol. Metal Cladding Primer provides corrosion protection under light industrial exposure conditions, if followed by a coat of Metal Cladding Topcoat. On bare or blasted steel two coats of Metal Cladding Primer should be applied prior to the application of the Metal Cladding Topcoat.

TECHNICAL DATA

Density (g/cm ³):	1,29
Gloss Level:	Matt
Solids content in volume:	43,7%
Heat Resistance:	80°C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	30 minutes
Dry to handle:	1 hour
Dry to recoat:	1 hour
Fully cured:	3 days

RECOMMENDED WET FILM THICKNESS

80 µm

RECOMMENDED DRY FILM THICKNESS

35 µm

THEORETICAL CONSUMPTION

12,5 m²/l

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. If blasting is not possible remove loose rust and loose coatings by scraping and/or wire brushing to St 3 (ISO 8501-1:1988). Zinc or aluminium corrosion products can be removed with Surfa-Etch 108 Etching Solution followed by rinsing with plenty of fresh water, or by brush-off blasting. Remove deteriorated coatings by scraping and wire brushing. Sand intact coatings to roughen the surface slightly. The surface must be clean and may be slightly damp during application.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 10 and 35°C and relative humidity below 85%. The substrate temperature must be at least 5°C above dew point.

APPLICATION & THINNING: BRUSH

Dilute sparingly, if required, with water.

Use brushes based on a mixture of synthetic/natural bristles.

APPLICATION & THINNING: ROLLER

Dilute sparingly, if required, with water.

Use medium nap, 8-12 mm, woven acrylic or polyester rollers.

Roller application may require 2 coats to achieve recommended dry film thickness.

APPLICATION & THINNING: AIRLESS SPRAY

Sparingly, if required, with water.

Pneumatic and electric airless equipment. Tip size: 0.015-0.018 inch. Fluid pressure: 150 - 225 bar. Check wet film thickness, avoid excessive film thickness.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Dilute sparingly, if required, with water. Gravity cup and pressure cup. Tip size: 1.2 - 1.8 mm.

Atomising pressure: 2 - 4 bar.

CLEANING OF EQUIPMENT / SPILLS

Immediately after use with water and soap.

REMARKS

Maximum dry film thickness per coat: 45 µm dry, equals 103 µm wet.

When used on new plastisol cladding the product can remain slightly tacky.

SAFETY DATA

VOC level:	14 g/l
VOC ready mix:	14 g/l
VOC category:	A/i
VOC limit:	100 g/l
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. **Keep from freezing.**

Date issued: 22/11/2023

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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