

RUST-OLEUM®
— INDUSTRIAL —



1080 HIGH BUILD METAL PRIMER

High build metal primer

- Protects up to C4 corrosion class with 7500 Alkythane topcoat
- High build primer (60 micron)
- High content of rust-inhibiting pigments
- Lasting flexibility
- Tintable in virtually any colour

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

1080 HIGH BUILD METAL PRIMER

DESCRIPTION

High build metal primer for extra protection of bare or blasted metal. Maximum durability under severely corrosive conditions.

RECOMMENDED USE

1060/1080 should be used on new, blasted steel surfaces or on surfaces primed with RUST-OLEUM metal primers. The product assures appropriate protection under C1 to C4 exposure conditions, if applied on a RUST-OLEUM metal primer followed by Alkythane 7500.

TECHNICAL DATA

Density (g/cm³):	1,37
Gloss Level:	Matt
Corrosion Class:	C4 high protection
Solids content in volume:	53,5%
Heat Resistance:	120°C (dry heat)

DRY TIMES BY 20° C/RH 50%

Touch dry:	4 hours
Dry to handle:	8 hours
Dry to recoat:	24 hours
Fully cured:	8 days

RECOMMENDED WET FILM THICKNESS

105 µm

RECOMMENDED DRY FILM THICKNESS

60 µm

THEORETICAL CONSUMPTION

9 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. Sand previous coatings which are in good condition to roughen the surface slightly. The surface must be clean and dry 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 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 10% volume RUST-OLEUM Thinner 633. Use natural bristles, long hair brushes.

APPLICATION & THINNING: ROLLER

Up to 10% volume RUST-OLEUM Thinner 633.

Use medium nap, polyamide (8 -14 mm) rollers. Roller application may require 2 coats to achieve recommended dry film thickness.

APPLICATION & THINNING: AIRLESS SPRAY

Up to 20% volume RUST-OLEUM Thinner 641.

Pneumatic and electric airless equipment. Tip size: 0.013-0.015 inch. Fluid pressure: 130 - 200 bar. Check wet film thickness, avoid excessive film thickness.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

10-20% volume RUST-OLEUM Thinner 641.

Gravity cup and pressure cup. Tip size: 1,4 -2,2 mm. Atomizing pressure: 2 - 4 bar. Check wet film thickness, avoid excessive film thickness.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160 or mineral spirits.

REMARKS

Maximum dry film thickness per coat: 100 µm dry, equals 200 µm wet.

SAFETY DATA

VOC level:	367 g/l
VOC readymix:	449 g/l
VOC category:	A/i
VOC limit:	500 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 (indicated on the can) in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5 and 35°C.

Date issued: 20/03/2025

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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