

RUST-OLEUM®
INDUSTRIAL



9169 EPOXY RUST PRIMER

Anti-corrosion primer for rusted metal



- Can be applied directly to sound rusted surfaces (less work)
- Penetrates through rust onto sound metal
- Contains a high amount of rust inhibitors
- Easy to apply by brush, roller or spray
- First class adhesion on a second class surface

KNOW-HOW TO PROTECT™

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9169 EPOXY RUST PRIMER

DESCRIPTION

Low viscous epoxy rust-primer with outstanding adhesion on and corrosion protection for manually derusted metals.

RECOMMENDED USE

9169 is designed for application on manually prepared rusted steel surfaces and can be recoated with 9170/80 Primers and 9100 Topcoats, offering the appropriate protection against strong chemicals, acids, alkalis and solvents; frequent product spillage and frequent chemical cleaning; high humidity and moist conditions.

TECHNICAL DATA

Density (g/cm ³):	1,34
Gloss Level:	Gloss
Corrosion Class:	C4 high protection
Solids content in volume:	58,5%
Heat Resistance:	150°C (dry heat)
Mixing Ratio:	1 : 1 (Volume)

DRY TIMES BY 20° C/RH 50%

Touch dry:	2 hours
Dry to handle:	4 hours
Dry to recoat:	After 16 hours, but within 72 hours
Fully cured:	8 days
Pot Life:	4 hours for a 5 ltr. mix at 20 °C
Induction Time:	1 hour

RECOMMENDED WET FILM THICKNESS

85 µm

RECOMMENDED DRY FILM THICKNESS

50 µm

THEORETICAL CONSUMPTION

11,7 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.

Remove loose rust, mill scale and deteriorated coatings by hand or power tool cleaning to St 2/3 (ISO 8501-01 : 1988). Large areas may be brush-off blasted to Sa 2 (ISO 8501-01 : 1988), blast profile max. 50 µm. Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly, check compatibility. The surface must be clean and dry during application.

DIRECTIONS FOR USE

Stir individual components thoroughly before mixing them together. Use the boxing method or a low speed mixer.

APPLICATION CONDITIONS

Temperature of air and substrate 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

Dilute up to 10% volume RUST-OLEUM Thinner 160.

Use natural bristles, long hair brushes. Preferably use disposable brushes.

APPLICATION & THINNING: ROLLER

Dilute up to 10% volume RUST-OLEUM Thinner 160

Use short/medium nap polyamide 8 - 12 mm rollers. Preferably use disposable rollers.

APPLICATION & THINNING: AIRLESS SPRAY

Up to 10% volume RUST-OLEUM Thinner 160.

Pneumatic and electric airless equipment. Tip size: 0.013-0.018 inch. Fluid pressure: 125 - 200 bar. Avoid excessive film thickness.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Up to 20% volume RUST-OLEUM Thinner 160.

Gravity cup and pressure cup. Tip size: 1.2 -2.2 mm. Atomising pressure: 2 - 4 bar . Avoid excessive film thickness.

CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160.

REMARKS

Maximum dry film thickness per coat: 100 µm dry, equals 175 µm wet.

SAFETY DATA

VOC level:	371 g/l
VOC readymix:	458 g/l
VOC category:	A/j
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 in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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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