

RUST-OLEUM®
INDUSTRIAL



9180 EPOXY METAL PRIMER

High build anti-corrosion primer for metal

- High build primer for optimal opacity with topcoat 9100
- Touch dry after just 1 hour
- Contains a high amount of rust inhibitors
- Easy to apply by brush, roller or spray
- Easy 1:1 mixing ratio



KNOW-HOW TO PROTECT™

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9180 EPOXY METAL PRIMER

DESCRIPTION

High build metal primer based on two-component epoxy resins offer extra protection against corrosion on bare or blasted metal.

DOPORUČENÉ POUŽITÍ

Red Primer 9170 and Grey Primer 9180 should be used on bare steel, on blasted steel and properly prepared galvanized substrates or as an intermediate coat. 9170/80 Primers can be recoated with 9100 Topcoats assuring the appropriate protection against corrosion, strong chemicals, acids, alkalis and solvents; frequent product spillage and frequent chemical cleaning; high humidity and moist conditions.

If good U.V. resistance is required Rust-O-Thane® Polyurethane Topcoat 9600 should be applied.

TECHNICAL DATA

Hustota (g/cm ³):	1,5
Úroveň lesku:	Matt
Třída koroze:	C4 vysoká ochrana
Obsah pevných látek v objemu:	52%
Tepelná odolnost:	150°C (dry heat)
Míchací poměr:	1 : 1 by volume

DRY TIMES BY 20° C/RH 50%

Dotykem suché:	1 hour
Suché na manipulaci:	2 hours
Suchý nátěr:	After 16 hours
Plně vytvrzené:	8 days
Život v hrci:	8 hours for a 5 ltr. mix at 20°C
Indukční čas:	30 minutes

DOPORUČENÁ TLOUŠŤKA MOKRÉHO FILMU

150 µm

DOPORUČENÁ TLOUŠŤKA SUCHÉHO FILMU

75 µm

TEORETICKÁ SPOTŘEBA

7 m²/l

PRAKTICKÁ SPOTŘEBA

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

PŘÍPRAVA POVRCHU

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 8501-01 : 1988), blast profile max. 50 µm. Salts, "white rust" (on galvanised steel), etc. should be removed by washing with Surfa-Etch 108 Etching Solution or by sweep blasting. Sand previous coatings, which are in good condition to remove gloss and to roughen the surface slightly, check compatibility. From surfaces to be submerged all previous coatings should be removed by abrasive blasting to Sa 3 (ISO 8501-1 : 1988), blast profile max. 50µm. New concrete should cure and dry for at least 30 days prior to application of the coating. The surface must be clean and dry during application.

NÁVOD K POUŽITÍ

Stir individual components thoroughly before mixing them together. Use the boxing method or a low speed mixer. Stir individual components, 9170/9180 Base and 9103 Activator, thoroughly. Add 9103 Activator to base-material. Mix well; scrape material from sides and bottom of the can, until material assumes a uniform appearance. Pour mixture back into base material can and repeat previous action. In case of manual mixing use the boxing method.

PODMÍNKY POUŽITÍ

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.

APLIKACE A ŘEDĚNÍ: ŠTĚTEC

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

Use natural bristles, long hair brushes. Touch-up or small areas only. Preferably use disposable brushes.

APLIKACE A ŘEDĚNÍ: VÁLEČEK

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

Use short/medium nap polyamide 8 mm rollers. Preferably use disposable rollers. Roller application may require 2 coats to achieve recommended d.f.t.

APLIKACE A ŘEDĚNÍ: BEZVZDUCHOVÝ SPREJ

5-15% volume RUST-OLEUM Thinner 160.

Pneumatic and electric airless equipment. Tip size: 0.013-0.018 inch. Fluid pressure: 150 - 250 bar.

APLIKACE A ŘEDĚNÍ: VZDUCHOVÝ ATOMIZOVANÝ SPREJ

Up to 20% volume RUST-OLEUM Thinner 160.

Spray: Gravity cup and pressure cup. Tip size: 1.2 -2.2 mm. Atomising pressure: 2 - 4 bar.

ČIŠTĚNÍ ZAŘÍZENÍ / ROZLITÍ

Use RUST-OLEUM Thinner 160.

POZNÁMKY

Maximum dry film thickness per coat: 125 µm dry, equals 250 µm wet.

SAFETY DATA

Úroveň těkavých organických

látek: 421 g/l

VOC readymix: 499 g/l

Kategorie VOC: A/j

Limitní hodnota VOC: 500 g/l

Poznámky k bezpečnosti: Consult Safety Data Sheet and Safety Information printed on the can.

DOBA POUŽITELNOSTI

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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