

**RUST-OLEUM®**  
— INDUSTRIAL —



## 9600 RUST-O-THANE®

# Flexible gloss polyurethane topcoat

- Very durable, colourfast and chemical resistant
- UV-resistant; ideal for outdoor use
- Flexible and impact resistant
- Suitable for high humidity and moist conditions
- Very easy to clean (also with chemicals)

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# 9600 RUST-O-THANE®

## DESCRIPTION

Flexible solvent based 2 components aliphatic polyurethane for a very durable and colourfast finish on metal or floors.

## RECOMMENDED USE

9600 Topcoats are intended for application on substrates which are coated with RUST-OLEUM epoxy systems. 9600 Topcoats assure appropriate protection against strong chemicals, acids, alkalis and solvents; frequent product spillage and chemical cleaning; high humidity and moisture conditions. 9600 Topcoats are especially recommended when weather resistance is required.

## TECHNICAL DATA

Density (g/cm <sup>3</sup> ):	1,18 -1.20
Gloss Level:	Gloss
Gloss level at 60°:	92-94 units
Solids content in volume:	56%
Heat Resistance:	105°C (dry heat), above 65°C discoloration may occur
Mixing Ratio:	Base : Activator = 3 : 1 (Volume)

## DRY TIMES BY 20° C/RH 50%

Touch dry:	6 hours
Dry to handle:	12 hours
Dry to recoat:	After 16 hours
Fully cured:	5 days
Pot Life:	4 hours for a 5L mix at 20°C.

## RECOMMENDED WET FILM THICKNESS

75 µm

## RECOMMENDED DRY FILM THICKNESS

40 µm

## THEORETICAL CONSUMPTION

13,2 m<sup>2</sup>/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. Sand previous coatings, which are in good condition to remove gloss and to roughen the surface slightly. Assure that the previous coating is compatible with 9600 by making a test application. Remove bad adhering coatings by scraping, wire-brushing or sanding. (Spot)prime with the recommended Rust-Oleum epoxy coating. The surface must be clean and dry during application.

## DIRECTIONS FOR USE

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

To prevent foaming (bubbling) in the paint film during brush and roller application, it is imperative to add 190N thinner.

## APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 10 and 35°C and relative humidity below 70%. The substrate temperature must be at least 3°C above dew point.

## APPLICATION & THINNING: BRUSH

10% volume RUST-OLEUM Thinner 190N.  
Use natural bristles, long hair brushes.

## APPLICATION & THINNING: ROLLER

10% volume RUST-OLEUM Thinner 190N.  
Use medium nap, 8-12 mm. Rollers. Apply slowly in even strokes.

## APPLICATION & THINNING: AIRLESS SPRAY

10 - 20% volume RUST-OLEUM Thinner 191.  
Pneumatic and electric airless equipment. Tip size: 0.011-0.015 inch. Fluid pressure: 125 - 175 bar. When spraying this product apply a mist-coat first, allow to flash-off for 10 minutes, then apply a full cross-coat.

## APPLICATION & THINNING: AIR-ATOMISED SPRAY

Dilute with RUST-OLEUM Thinner 191 depending on the used equipment, slowly increase thinner addition until the material is ready for spraying.  
Gravity cup, pressure cup and suction cup. Tip size: 1.2 -1.4 mm. Atomising pressure: 2 - 4 bar.  
When spraying this product apply a mist-coat first, allow to flash-off for 10 minutes, then apply a full cross-coat.

## CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 190N or 191.

## REMARKS

Maximum dry film thickness per coat: 60 µm dry, equals 110 µm wet.

For use on floors submitted to heavy abrasion, standard and medium colours are recommended.

In case of deep and/or bright tones (red, yellow, orange, green, blue etc), it is advised to apply a clear topcoat.

This product does contain isocyanates. Users must follow mandatory training to comply with EU 2020/1149 Restriction 74.

## SAFETY DATA

VOC level:	416 g/l
VOC ready-mix:	499 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

Base material: 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.

Activator: Minimum of 1 year 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.

Opened activator cans must be used within 2 weeks.

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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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**Rust-Oleum Netherlands B.V.**  
Europalaan 9  
5232 BC 's-Hertogenbosch  
The Netherlands  
T : +31 (0) 165 593 636  
F : +31 (0) 165 593 600  
info@rust-oleum.eu

**Tor Coatings Ltd (Rust-Oleum Industrial)**  
Shadon Way, Portobello Ind. Estate  
Birtley, Chester-le-Street  
DH3 2RE United Kingdom  
T : +44 (0)1914 113 146  
F : +44 (0)1914 113 147  
info@rust-oleum.eu

**Rust-Oleum France S.A.S.**  
38, av. du Gros Chêne  
95322 Herblay  
France  
T : +33(0) 130 40 00 44  
F : +33(0) 130 40 99 80  
info@rust-oleum.eu

**N.V. Martin Mathys S.A.**  
Kolenbergstraat 23  
3545 Zelem  
Belgium  
T : +32 (0) 13 460 200  
F : +32 (0) 13 460 201  
info@rust-oleum.eu