

## PRODUCT DATA

## RUST-O-THANE® 9200

### DESCRIPTION

RUST-O-THANE Topcoat 9200 is a topcoat based on a two-component waterbased acrylic polyurethane.

### RECOMMENDED USES

RUST-O-THANE 9200 is intended for application on substrates, which are coated with RUST-OLEUM or MARTIN MATHYS epoxy or acrylic coatings (e.g. RUST-OLEUM: 9100 and 5401; Mathys: Pegasol and Pegalink).

The application area consists of coated floors, coated walls and primed metal.

RUST-O-THANE 9200 can be applied by airless spray, roller and brush.

RUST-O-THANE 9200 assures appropriate protection against solvents, moderate alkalines, weak acids and chemical cleaning.

RUST-O-THANE 9200 is especially recommended where general urethane performance like excellent weather resistance (UV), easy cleaning and abrasion resistance is required.

### TECHNICAL DATA

Appearance:	Satin gloss (40% at 60°). 9211: transparent satin, only for inside use
Colour:	Tintable on the Colourshop machine.
Density:	1.1 kg/l ± 0.1 (mixed product) depending on colour
Solids Content:	37 % by volume ± 3.0 (mixed product) depending on colour
Recommended film thickness:	For floors: 60 µm dry, equals 160 µm wet. For other application: 40 µm dry, equals 110 µm wet.
VOC-content max.	35 g/l
Ready-for-use mixture:	35 g/l
Category:	A/j
EU Level values:	140 g/l (2007) / 140 g/l (2010)

### Drying times

	20°C/50% r.h.
To touch:	1,5 - 2 hours
To handle:	4 hours
To recoat:	24 hours
Full hardness	2 days

Heat resistance: 90°C (dry heat), above 65°C discoloration may occur

### Coverage

Theoretical:	6,2 m <sup>2</sup> /l at 60 µm dry (depending on colour) for floors. 9,2 m <sup>2</sup> /l at 40 µm dry (depending on colour) for other applications.
Practical:	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 contamination using alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Sand previous coatings that are in good condition to remove gloss and to roughen the surface slightly. Assure that the previous coating is compatible with the RUST-O-THANE 9200 by making a test application! Remove bad adhering coatings by scraping, wire brushing or sanding. (Spot)prime with com-mended Rust-Oleum or Mathys coatings. The surface must be clean and dry during applica-tion.

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### DIRECTION FOR USE

Add activator gradually to base material and mix with a mechanical mixing device.

Packaging: 5 litre mixed products for floor applications

Packaging: 2,5 litre mixed products for floor and/or other applications

Mixing ratio:

Base : activator (9202) = 4.25 : 0.75 by volume (5 litre mix)

Base : activator (9202) = 2.125 : 0.375 by volume (2,5 litre mix)

Remark: Do not use activator 9201

Induction time: 5 min.

Pot-life: 2 hours for a 5 litre mix at 20°C.

Do not dilute during the pot-life.

Do not use after 2 hours.

Do not store residue of mixed product in a closed can.

### APPLICATION & THINNING

Brush: Undiluted.  
Use natural bristles, longhair brushes.

Roller: Undiluted.  
Use medium nap (polyamide, 8-12 mm). Apply slowly in even strokes.

Airless spray: Undiluted.  
Pneumatic and electric airless equipment.  
Tip size: 0.013-0.015 inch.  
Fluid pressure: 200 bar.

Cleanup: Water and soap, before drying.

### APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5°C and 35°C and relative humidity below 80 %. The substrate temperature must be at least 3°C above dew point.

### REMARKS

Max dry film thickness:

- for floors: 75 µm dry, equals 200 µm wet.
- for walls: 60 µm dry, equals 160 µm wet.

The product can be recoated with itself or with Pegalink.

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.

### SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

### SHELLIFE / STORAGE CONDITIONS

Base 2 years and activator 1 year from the date of production in unopened cans, if stored in dry, well-ventilated and frost-free areas, not in direct sunlight at temperatures between 5° and 35° C. Opened activator cans must be used within 1 week.

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