

## PRODUCT DATA FAST DRYING MOULD-RESISTANT TOPCOATS 8300

### DESCRIPTION

RUST-OLEUM® Mould-Resistant System 8300 Topcoats are fast drying, non yellowing, mould-resistant coatings. The products are based on a vinyl acrylic polymer with nonleaching fungicides.

### RECOMMENDED USES

RUST-OLEUM 8300 Topcoats should be applied on mineral substrates primed with RUST-OLEUM White Masonry Sealer 8399.

RUST-OLEUM 8300 Topcoats are intended for brush, roller and spray application.

RUST-OLEUM 8300 Topcoats resist mild chemical exposure, occasional product spillage, reagent chemical cleaning, intermittent high humidity and moisture, favourable conditions for mould and mildew development.

RUST-OLEUM 8300 Topcoats can be applied on RUST-OLEUM 8399 Sealer or well prepared previous coatings.

RUST-OLEUM 8300 Topcoats are classified Class 1 Surface Spread of Flame according to BS 476; part 7 : 1987.

### TECHNICAL DATA

|                             |   |
|-----------------------------|---|
| Appearance:                 | High gloss                                |
| Colour:                     | See colour card                           |
| Density:                    | 1.09 kg/l                                 |
| Solids Content:             | 37.0% by volume ± 0.4 depending on colour |
| Viscosity:                  | 95 - 100 KU / Krebs Stormer Units at 20°C |
| Recommended film thickness: | 35 µm dry, equals 95 µm wet               |
| VOC-content:                | 490 g/l                                   |

| Drying times  | 20°C/50% r.h. | 10°C/60% r.h.  | 30°C/50% r.h. |
|---------------|---------------|----------------|---------------|
| To touch:     | 2 hours       | 4 hours        | 30 minutes    |
| To handle:    | 4 hours       | 6 hours        | 1 hour        |
| To recoat:    | After 6 hours | After 12 hours | After 2 hours |
| Full hardness | 8 days        | 12 days        | 5 days        |

Heat resistance: 80°C (dry heat)

### Coverage

|              |  |
|--------------|--|
| Theoretical: | 10.5 m <sup>2</sup> /l at 35 µm dry, depending on colour   |
| Practical:   | Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application. |

### SURFACE PREPARATION

New concrete, plastered or brick surfaces should cure and dry for at least 30 days prior to the application of coatings. Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning. Remove mould with RUST-OLEUM FK 111 Fungicidal Cleaning Solution. For severely mildewed areas, an additional cleaning with FK 111 is advisable. Wash total surface with plenty of fresh/warm water or high pressure (steam) cleaning in order to remove all remnants of contamination and cleaners. Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly. Remove non-adhering old coatings. The surface must be clean and dry during application.

### DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

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### APPLICATION & THINNING

|                     |                          |   |
|---------------------|--------------------------|---|
| Brush:              | from -10 to 5°C<br>> 5°C | 10-20 vol. %; RUST-OLEUM Thinner 633.<br>Up to 10 vol. %; RUST-OLEUM Thinner 633.<br>Use brushes based on a mixture of synthetic/natural bristles.  |
| Roller:             | from -10 to 5°C<br>> 5°C | 10-20 vol. %; RUST-OLEUM Thinner 633<br>Up to 10 vol. %; RUST-OLEUM Thinner 633<br>Use medium nap polyamide (perlon 8-12 mm.) rollers.<br>Roller application may require 2 coats to achieve recommended d.f.t.  |
| Air-atomised spray: | from -10 to 5°C<br>> 5°C | 15-30 vol. %; RUST-OLEUM Thinner 160<br>10-20 vol. %; RUST-OLEUM Thinner 633<br>Gravity cup and pressure cup.<br>Tip size: 1.2 -1.8 mm.<br>Atomising pressure: 2 - 4 bar.   |
| Airless spray:      | from -10 to 5°C<br>> 5°C | Up to 30 vol. %; RUST-OLEUM Thinner 160<br>up to 20 vol. %; RUST-OLEUM Thinner 633<br>Pneumatic and electric airless equipment.<br>Tip size: 0.011-0.017 inch.<br>Fluid pressure: 150 - 200 bar.<br>Low temperatures may affect the atomising properties. |

Cleanup: Use RUST-OLEUM Thinner 160

### APPLICATION CONDITIONS

Temperature of air, substrate and coating material between -10° and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point. Below 0°C the surface should be free from ice.

### REMARKS

Maximum dry film thickness per coat: 60 µm dry, equals 180 µm wet  
Direct contact with oils, fats and greases can soften the coating.

|                                  |                |                 |
|----------------------------------|----------------|-----------------|
| Drying times at low temperatures | at 0°C/60% RH. | at -10°C/60% RH |
| To touch:                        | 6 hours        | 8 hours         |
| To handle:                       | 8 hours        | 12 hours        |
| To recoat:                       | After 16 hours | After 24 hours  |

### SAFETY

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

### SHELLIFE / STORAGE CONDITIONS

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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