

**RUST-OLEUM®**  
INDUSTRIAL



## 8300 HYGIENIC WALL COATING

# Fast drying wall paint for humid areas

- Offers protection against mild chemical exposure, humidity and moisture
- Can be applied as low as -10°C
- Non-yellowing and resistant to frequent cleaning
- Very fast drying and recoating times
- Contains a biocide to protect the dried coating against fungal degradation

KNOW-HOW TO PROTECT™

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# 8300 HYGIENIC WALL COATING

## DESCRIPTION

Single pack hygienic topcoat protects against mild chemical exposure, occasional product spillage, frequent chemical cleaning, intermittent high humidity and moisture.

## RECOMMENDED USE

8300 Topcoats should be applied on mineral substrates primed with Primer 8399. Resists mild chemical exposure, occasional product spillage, frequent chemical cleaning, intermittent high humidity and moisture. Can be applied on 8399 or well prepared previous coatings. 8300 is classified Class 1 Surface Spread of Flame according to BS 476; part 7 : 1987.

## TECHNICAL DATA

Density (g/cm <sup>3</sup> ):	1,18
Gloss Level:	Gloss
Solids content in volume:	42%
Heat Resistance:	80°C (dry heat)

## DRY TIMES BY 20° C/RV 50%

Touch dry:	2 hours (20°C), 4 hours (10°C), 30 minutes (30°C), 6 hours (0°C), 8 hours (-10°C)
Dry to handle:	4 hours (20°C), 6 hours (10°C), 1 hour (30°C), 8 hours (0°C), 12 hours (-10°C)
Dry to recoat:	6 hours (20°C), 12 hours (10°C), 2 hours (30°C), 16 hours (0°C), 24 hours (-10°C)
Fully cured:	8 days (20°C), 12 days (10°C), 5 days (30°C)

## RECOMMENDED WET FILM THICKNESS

85 µm

## RECOMMENDED DRY FILM THICKNESS

35 µm

## THEORETICAL CONSUMPTION

12 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

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. Wash total surface with plenty of fresh/warm water or high pressure (steam) cleaning in order to remove all remnants of contamination and cleaners ND14 or FK111. 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.

## DIRECTIONS FOR USE

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

## 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.

## APPLICATION & THINNING: BRUSH

-10 to 5°C: 10-15% volume RUST-OLEUM Thinner 633.

> 5°C: Up to 10% volume RUST-OLEUM Thinner 633. Use brushes based on a mixture of synthetic/natural bristles.

## APPLICATION & THINNING: ROLLER

-10 to 5°C: 10-15% volume RUST-OLEUM Thinner 633.

> 5°C: Up to 10% volume RUST-OLEUM Thinner 633. Use medium nap polyamide 8-12 mm rollers. Roller application may require 2 coats to achieve recommended d.f.t.

## APPLICATION & THINNING: AIRLESS SPRAY

-10 to 5°C: Up to 10% volume RUST-OLEUM Thinner 160.

> 5°C: up to 15% volume RUST-OLEUM Thinner 633. Pneumatic and electric airless equipment. Tip size: 0.011-0.017 inch. Fluid pressure: 150 - 200 bar. Low temperatures may affect the atomising properties.

## APPLICATION & THINNING: AIR-ATOMISED SPRAY

-10 to 5°C: Up to 10% volume RUST-OLEUM Thinner 160.

> 5°C 10-15% volume RUST-OLEUM Thinner 633. Gravity cup and pressure cup. Tip size: 1.2 - 1.8 mm. Atomising pressure: 2 - 4 bar.

## CLEANING OF EQUIPMENT / SPILLS

Use RUST-OLEUM Thinner 160.

## REMARKS

Maximum dry film thickness per coat: 60 µm dry, equals 145 µm wet. Direct contact with oils, fats and greases can soften the coating.

## SAFETY DATA

VOC level:	458 g/l
VOC ready mix:	499 g/l
VOC category:	A/i
VOC limit:	500 g/l

Remarks regarding safety: Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

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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**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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