



New Guard Coatings Group

A global reputation to protect.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

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RUST-OLEUM®
INDUSTRIAL



8399 HYGIENIC PRIMER

Single pack hygienic primer

- Very fast drying and recoatable with 8300 hygienic topcoat
- Offers protection against mild chemical exposure, occasional product spillage, frequent chemical cleaning, intermittent high humidity and moisture
- Can be applied as low as -10 °C ; ideal for refrigerated areas
- Non-yellowing and resistant to frequent cleaning

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

8399 HYGIENIC PRIMER

DESCRIPTION

Single pack hygienic primer protects (with 8300) against mild chemical exposure, occasional product spillage, frequent chemical cleaning, humidity and moisture. For walls and ceilings.

RECOMMENDED USE

8399 should be used on mineral substrates like concrete, brick and plastered walls, masonry and mineral fibre board. 8399 Primer should be recoated with 8300 Topcoat(s); they resist mild chemical exposure, occasional product spillage, frequent chemical cleaning, intermittent high humidity and moisture. Can be applied on cleaned, sound mineral substrates and sound, well prepared previous coatings; porous substrates should be primed with diluted 8399. Classified Class 1 Surface Spread of Flame according to BS 476; part 7 : 1987.

TECHNICAL DATA

Density (g/cm ³):	1.36
Gloss Level:	Matt
Solids content in volume:	43.5 %
Heat Resistance:	80 °C (dry heat)

DRY TIMES BY 20° C/RV 50%

Touch dry:	1 h (20°C), 2 h (10°C), 10 min (30°C), 4 h (0°C), 6 h (-10°C)
Dry to handle:	2 h (20°C), 4 h (10°C), 30 min (30°C), 6 h (0°C), 8 h (-10°C)
Dry to recoat:	3 h (20°C), 6 h (10°C), 1 h (30°C), 8 h (0°C), 12 h (-10°C)
Fully cured:	8 days (20°C), 12 days (10°C), 5 days (30°C)

RECOMMENDED WET FILM THICKNESS

80 µm

RECOMMENDED DRY FILM THICKNESS

35 µm

THEORETICAL CONSUMPTION

12.4 m²/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. (With ND14 or FK111) 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.

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 : 10-20 vol. %; RUST-OLEUM Thinner 633.

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

APPLICATION & THINNING: ROLLER

-10 to 5°C : 10-20 vol. %; RUST-OLEUM Thinner 633.

> 5°C : Up to 5 vol. %; RUST-OLEUM Thinner 633. Use medium nap polyamide (perlon 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 15 vol. %; RUST-OLEUM Thinner 160.

> 5°C : up to 10 vol. %; RUST-OLEUM Thinner 633. Pneumatic and electric airless equipment. Tip size: 0.015-0.021 inch. Fluid pressure: 150 - 200 bar. Low temperatures may affect the atomising properties.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

-10 to 5°C : Up to 15 vol. %; RUST-OLEUM Thinner 160.

> 5°C 10-20 vol. %; RUST-OLEUM Thinner 633. Gravity cup and pressure cup. Tip size: 1.2 - 1.8 mm. Atomising pressure: 2 - 4 bar.r.

CLEANING OF EQUIPMENT / SPILLS

RUST-OLEUM Thinner 160

REMARKS

Maximum dry film thickness per coat: 60 µm dry, equals 165 µm wet. Direct contact with oils, fats and greases can soften the coating.

SAFETY DATA

VOC level:	440 g/l
VOC readymix:	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.

Date issued: 12/02/2021

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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