

PRODUCT DATA FAST DRYING WHITE MASONRY SEALER 8399

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DESCRIPTION

RUST-OLEUM White Masonry Sealer 8399 is a fast drying, non-yellowing, mould-resistant sealer. The product is based on a vinyl acrylic polymer with non-leaching fungicides.

RECOMMENDED USES

RUST-OLEUM White Masonry Sealer 8399 should be used on mineral substrates like concrete, brick and plastered walls, masonry and mineral fibre board.
RUST-OLEUM 8399 Sealer is intended for brush, roller and spray application.
RUST-OLEUM 8399 Sealer should be recoated with RUST-OLEUM 8300 Topcoat(s); they resist mild chemical exposure, occasional product spillage, frequent chemical cleaning, intermittent high humidity and moisture, favourable conditions for mould and mildew development.
RUST-OLEUM 8399 Sealer can be applied on cleaned, sound mineral substrates and sound, well prepared previous coatings; porous substrates should be primed with diluted RUST-OLEUM 8399 Sealer.
RUST-OLEUM 8399 Sealer is classified Class 1 Surface Spread of Flame according to BS 476; part 7 : 1987.

TECHNICAL DATA

Appearance: Flat
Colour: Off white
Density: 1.355 kg/l
Solids Content: 42.6 % by volume
Viscosity: 100 - 102 KU / Krebs Stormer Units at 20°C
Recommended film thickness: 35 µm dry, equals 85 µm wet

VOC-content: 438 g/l max.
Ready-to-use mixture: 499 g/l max.
Category: A/i
EU Limit values: 600 g/l (2007) / 500 g/l (2010)

Drying times	20°C/50% r.h.	10°C/60% r.h.	30°C/50% r.h.
To touch:	1 hour	2 hours	10 minutes
To handle:	2 hours	4 hours	30 minutes
To recoat:	After 3 hours	After 6 hours	After 1 hour
Full hardness	8 days	12 days	5 days

Heat resistance: 80°C (dry heat)

Coverage

Theoretical: 12.1 m²/l at 35 µm dry
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.

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DIRECTION FOR USE

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

APPLICATION & THINNING

Brush/Roller: from -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 or medium nap polyamide (perlon 8-12 mm.) rollers. Roller application may require 2 coats to achieve recommended d.f.t.

Air-atomised spray: from -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.

Airless spray: from -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.

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 165 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:	4 hours	6 hours
To handle:	6 hours	8 hours
To recoat:	After 8 hours	After 12 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.