

## PRODUCT DATA

### MOULD-RESISTANT ACRYLIC SYSTEM TOPCOATS 8700

#### DESCRIPTION

RUST-OLEUM® Mould-Resistant Topcoats 8700 are water dilutable products based on an acrylic emulsion.

#### RECOMMENDED USES

RUST-OLEUM Mould-Resistant Topcoats 8700 are developed to be applied on mineral surfaces rimed with RUST-OLEUM White Masonry Sealer 8798 or directly on previous coated substrates.

RUST-OLEUM Mould-Resistant Topcoats 8700 are primarily intended for brush and roller application and can also be applied by spray.

Mould-Resistant Topcoats 8700 will resist normal humidity, mould and mildew conditions and should be applied over RUST-OLEUM White Masonry Sealer 8798.

#### TECHNICAL DATA

Appearance:	High gloss
Colour:	See colour card
Density:	1.20 kg/ltr. ± 0.1 depending on colour
Solids Content:	35.2% by volume ± 0.5 depending on colour
Viscosity:	110 - 120 KU /Krebs Stormer Units at 20°C
Recommended film thickness:	35 µm dry, equals 100 µm wet

VOC-content:	87 g/l max.
Ready-to-use mixture:	87 g/l max.
Category:	A/b
EU Limit values:	150 g/l (2007) / 100 g/l (2010)

Drying times	20°C/50% r.h.	10°C/60% r.h.	30°C/50% r.h.
To touch:	30 minutes	2 hours	15 minutes
To handle:	2 hours	6 hours	2 hours
To recoat:	After 2 hours	After 16 hours	After 2 hours
Full hardness:	3 days	5 days	2 days

Heat resistance: 80°C (dry heat)

#### Coverage

Theoretical:	10 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

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Remove mould with RUST-OLEUM FK 111 Fungicidal Cleaning Solution. For severely mildewed areas, an additional cleaning with FK 111 Fungicidal Cleaning Solution 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. Prime or spot-prime with RUST-OLEUM White Masonry Sealer 8798. Sand intact coatings to roughen the surface slightly. The surface must be clean and may be slightly damp during application.

#### DIRECTION FOR USE

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

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#### APPLICATION & THINNING

- Brush:** Up to 5 vol. % with water.  
Use brushes based on a mixture of synthetic/natural bristles.
- Roller:** Up to 5 vol. % with water.  
Use medium nap, 8-12 mm, woven acrylic or polyester rollers.  
Roller application may require 2 coats to achieve recommended dry film thickness.
- Air-atomised spray:** 5 - 10 vol. % with water.  
Gravity cup and pressure cup.  
Tip size: 1.2 -1.8 mm.  
Atomising pressure: 2 - 4 bar.
- Airless spray:** If required up to 5 vol. % with water.  
Pneumatic and electric airless equipment  
Tip size: 0.015-0.018 inch.  
Fluid pressure: 150 - 225 bar.  
Check wet film thickness, avoid excessive film thickness.
- Cleanup:** Immediately after use with water and soap.

#### APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 5 and 35°C and relative humidity below 75%. The substrate temperature must be at least 5°C above dew point.

#### REMARKS

Maximum dry film thickness per coat: 80 µm dry, equals 225 µm wet. On very porous substrates it is advisable to dilute the first coat up to 50% with water, followed by a second coat.

#### 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.

**Keep from freezing.**

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