

Ralston Siloxan Primer

Special, colourless sealer, excellent penetrating and vapour permeable.

- Reduces absorption of the surface
- Improves adhesion
- High water vapour permeability
- Quick drying
- Alkali resistant
- No unpleasant odour



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PRODUCT

INTENDED USE	As primer sealer on absorbing, porous, exterior, stony surfaces such as concrete, masonry and plaster that will be finished with Ralston Siloxan Mat. In case of very strong absorbing substrates, the application can be repeated wet-in-wet.
SITUATION	Exterior Interior
PACKAGING	5 l
COLOURS	Clear (milky white in packaging)
GLOSS LEVEL	Matt, approx. 5 - 10 G.U. at 85 ° If sufficiently absorbed.
BINDER	Acrylate polymer
SOLIDS CONTENT	Approx. 16 volume %
VISCOSITY AT 20 °C	Approx. 1 kg/dm ³
DRYING TIME	Drying time (20 °C / 65 % R.H.): dust-free after approx. 1 hr; recoatable after approx. 3 hr. The stated drying times are typical and depend on such factors as temperature and humidity.

NOTE: The properties and specifications can vary depending on the colour. The values stated are typical.

APPLICATION

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APPLICATION BY	brush, roller
DILUTION	Ready to use. If necessary max. 5 % water.
TOOLS/EQUIPMENT CLEANING	Water.
APPLICATION TEMPERATURE / R.H.	Min. 10 °C ambient and substrate temp., relative humidity max. 85 %.
THEORETICAL COVERAGE	3 - 7 m ² /l

Allow product to be absorbed well into the substrate and avoid the formation of a glossy surface. Such a glossy surface has a negative influence on the adherence of the wall paint to be applied. Apply a test patch and determine if this is the case. If the surface is indeed glossy, Ralston Wall Primer should be diluted with water to such an extent that no shiny surface will appear.

ENVIRONMENT AND CERTIFICATION

SAFETY INSTRUCTIONS	The user is subject to the national legislation regarding safety, health and environment. For more information and current data, see the latest version of the Safety Data Sheet.
EU LIMIT VALUE VOC	EU limit value for this product A/h: 30 g/l (2010). This product contains a maximum of 30 g/l VOCs.
BREEAM	We herewith conform that our product can be used in compliance with BREEAM International New Construction. As per HEA 9, required evidence – completion phase: C 1.1 through to 1.8; in evidence of compliance, the following must be submitted: <ol style="list-style-type: none"> 1. VOS (Volatile Organic Substance) content as determined by product recipe. 2. Products grouped by category in accordance with European Decopaint Directive 2004/42/EC – Enclosure 2: Emission norm for paints, lacquers and clear finishes, phase 2. 3. EU limit value for this product A/h: 30 g/l (2010). This product contains a maximum of 30 g/l VOCs. We apply the above harmonization procedure as recommended by the Dutch Green Building Council.
BELGIAN EMISSION LABEL	The product complies with the limit values and other stipulations of the Royal Decree of 8 May 2014, which defines the threshold levels for emissions to the internal environment from construction products for designated, specific uses, as published in the Belgian Government Gazette of 8 August 2014.
FRENCH EMISSION LABEL	



STORAGE AND USE PERIOD

STORAGE	Cool and above freezing point; do not allow product quality to deteriorate during storage.
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SHELF LIFE Use within 24 months of the date (charge no.) stated on the pack (figures 1 and 2 = year, figures 3 and 4 = week). Assumes unopened product.

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SYSTEM COMPOSITION - ADVICES

New, exterior, untreated, masonry

- remove loose parts and any cement skin
- repair where necessary
- pre-treat slightly powdery and/or absorbent substrates with Ralston Siloxan Primer
- treat entire surface with Ralston Siloxan Mat
- treat entire surface with Ralston Siloxan Mat

Existing, exterior, treated, masonry

- remove unsound paint coats
- repair where necessary
- pre-treat patches with Ralston Siloxan Primer
- treat patches or entire surface with Ralston Siloxan Mat
- treat entire surface with Ralston Siloxan Mat

General remarks on paint systems and preparation

These remarks on paint application and maintenance are only general. The appropriate paint system to be applied will depend on both the substrate and the requirements to be met by the paintwork.

Regularly clean and repair any damage to paintwork

Regularly (preferably annually), clean the paintwork and repair any physical or other damage to the substrate or paintwork. This will have a beneficial effect on the condition of the painted object and its paint coating.

Adhesion between paint layers

Always sand or de-gloss between paint coating layers. This is essential for good adhesion of each new layer to the previous layer (with the exception of wall paints).

Regularly check the dew point

When working in lower temperatures, check the dew point frequently. Never apply new paint/coating onto a substrate with condensation (dew). If you do so, the adhesion and film formation will be degraded. Moisture also causes poor drying, and can ruin the gloss.

Repairs and compatibility with paint

Repairs to substrates, paintwork, connection joints/seams and glazing systems must be carried out with the appropriate products in accordance with the manufacturer's instructions. For wood repair, we prefer wood repair products based on epoxy or polyurethane and for sealing glazing joints to the Soudal Glaskit TS. The Soudal Acryrub CF2 can be used to seal joints and seams in interior wall paintwork. Prior to the commencement of the painting work, assess the mutual tolerance of the products to be applied.

Pretreatment of masonry

Stony substrates must be solid, load-bearing, sufficiently cured and clean before treatment. Remove any cement/laitance that may be present on cementitious substrates. Cement-bound substrates must be approx. 28 days old before applying a paint or coating. Plaster-bound substrates to be treated may contain max. 2% moisture and other stony substrates max. 4%.

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For more information, please refer to the Material Safety Data Sheet or ask your paint supplier.

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All our deliveries, offers, contracts, documentation, advices etc. are according to the Uniform Sales and Delivery terms for Paint and Printing Ink (VVVF), filed with the Clerk of the Court's Office of the Amsterdam County Court.

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