Ralston IsoWall Primer

Colourable, water-dilutable wall and ceiling primer for interior use. Isolates common stains such as nicotine, damp traces, soot and coffee stains. Ready for use.

- Good isolating capacity
- Excellent adhesion
- Reduces absorption of the substrate
- Fast-drying
- Water vapour permeable

www: Ralston IsoWall Primer

Application

Situation	Interior
Application	Isolating prime coat for interior untreated or wall-paint finished masonry and compatible surfaces, such as concrete, brick and plasterwork and sheet material. Perfect primer for chipboard and wood fibre board. Suitable as surface primer for acrylate dispersion wall paints. Depending on intensity of surface pollution or stains to be isolated, a second priming coat may be required.

Colors

Colours	White and pale colours with Ralston AQ colour mixing system. White and pale colours with Ralston UNI Plus colour mixing system.

Performance and features

Binder	Acrylate polymer
Pigment	High quality pigments and fillers
Density at 20°C	Approx. 1.5 kg/dm3
Viscosity at 20°C	Approx. 125 K.U.
Solids content	Approx. 35 volume %
Drying time (20°C / 65% R.H.)	Dust-free after approx.0.5 hr, recoatable after approx. 5 hr. The stated drying times are typical and depend on such factors as temperature and humidity.
Gloss level	Mild satin gloss, approx. 45 G.U. at 85°

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

Processing

Spray data airless - pressure	approx. 20 MPa (200 bar)
Spray data airless - nozzle	0,017 - 0,019 inch
Spray data airless - dilution	none
Spray data air-assisted airless - pressure	10 - 15 MPa (100 - 150 bar), air support approx. 0,2 MPa (approx. 2 bar)

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Spray data air-assisted airless - nozzle	0,017 - 0,019 inch
Spray data air-assisted airless - dilution	none
Spray data heated airless 40°C - pressure	15 - 17 MPa (150 - 170 bar)
Spray data heated airless 40°C - nozzle	0,017 - 0,019 inch
Spray data heated airless 40°C - dilution	none
Dilution	Water.
Tools/equipment cleaning	Water.
Application temperature / R.H.	Min. 8 ambient and substrate temp., relative humidity max. 85%.
Theoretical coverage	14 m2/l
Practical coverage	Per layer 14 m2/l by roller, depending on the porosity and structure of the substrate. If in doubt, determine on a test area.
Mixing	Stir thoroughly before use.
	The application of a 'full' layer gives a long 'open time' which, combined with 'wet in wet' application, results in a finish that is free of 'lap marks'.

Environment and Health

Flash point (°C)	Not applicable.
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/a: 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, requirend evidence – completion phase: C 1.1 through to 1.8; in evidence of compliance, the following must be submitted: 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/a: 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	A+

Item details

Packaging	2.5L
Storage	Cool and above freezing point; do not allow product quality to deteriorate during storage.
Shelf life	Use within 24 months of the date charge no. stated on the pack figures 1 and 2 = year, figures 3 and 4 = month, 5 and 6 = day of the month. Assumes unopened product. After opening the packaging, the effect of 'preservatives' in the paint may be reduced. In exceptional cases, this can give bacteria and moulds free rein from outside, which could spoil the product.

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System structure

New, interior, untreated, masonry

- remove loose parts and any cement skin
- repair where necessary
- pre-treat slightly powdery and/or absorbent substrates with Ralston IsoWall Primer
- Depending on the pollution or material to be isolated a second coat may be required.
- treat entirely with 1 or 2 coats of Ralston wallpaints

Existing, interior, treated, masonry

- remove unsound paint coats
- repair where necessary
- pre-treat patches with Ralston IsoWall Primer
- Depending on the pollution or material to be isolated a second coat may be required.
- treat entirely with 1 or 2 coats of Ralston wallpaints

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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.

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).

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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