Ralston COLOUR & COATINGS

Product Data Sheet

Ralston Aqua 2-in-1 Spray Satin

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/picto

Mild satin gloss primer and topcoat in a single high-quality, water-dilutable paint for air-assisted spray application, based on a specially modified alkyd emulsion.

- One-pot-system
- Re-coatable using any paint system
- Excellent hiding power and surface filling
- High film thickness
- Low propensity to run
- Fast drying
- Good flow
- Resistant to skin oils from handling

PRODUCT

INTENDED USE	Indoors as primer and topcoat on new and existing wood substrates and suitably prepared metal and plastic.
SITUATION	Interior
PACKAGING	10 l
COLOURS	All colours available via the Ralston AQ colour mixing system
GLOSS LEVEL	Mild satin gloss, approx. 25 G.U. at 60 °
BINDER	Alkyd emulsion
PIGMENT	High quality pigments and fillers
SOLIDS CONTENT	Approx. 41 volume %
DENSITY AT 20 °C	Approx. 1,25 kg/dm3
VISCOSITY AT 20 °C	Approx. 98 K.U.
DRYING TIME	Drying time (20 °C / 65 % R.H.): dust-free after approx. 0,75 hr; second coat may be applied after approx. 4 hr. The stated drying times are typical and depend on such factors as temperature, humidity and the colour used. At low temperatures, darker colours have longer drying times than white and light colours.
ELASTICITY	7 mm Erichsen

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

APPLICATION

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APPLICATION BY SPRAY DATA	air-assisted airless

	air-assisted airless
Pressure	3 - 4 MPa (30 - 40 bar), air support approx. 0,12 MPa (ca. 1,2 bar)
Nozzle	0,009 - 0.011 inch

Adjust spray angle and nozzle for the object to be sprayed.
Warning: do not use hot airless spray!

DILUTION	Ready to use. If necessary, dilute sparingly with water.
TOOLS/EQUIPMENT CLEANING	(hot) Water.
APPLICATION TEMPERATURE / R.H.	Min. 7 °C - max. 25 °C ambient and substrate temp., relative humidity max. 85 %.
THEORETICAL COVERAGE	6,3 m2/l
FILM THICKNESS	60 microns dry film thickness (= approx. 162 microns wet film thickness)

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/d: 130 g/l (2010). This product contains a maximum of 130 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/d: 130 g/l (2010). This product contains a maximum of 130 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	

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STORAGE AND USE PERIOD

STORAGE	Cool and above freezing point; do not allow product quality to deteriorate during storage.
USE WITHIN	12 Months (in unopened packaging) 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 COMPOSITION - ADVICES

New, interior, untreated, wood
- clean / degrease and sand
- prime with Ralston Aqua 2-in-1 Spray Satin
- finish with Ralston Aqua 2-in-1 Spray Satin

Existing, interior, treated, wood
- remove unsound paint coats
- clean / degrease and sand / rub down gloss thoroughly
- prime/ pre-finish partially or entirely with Ralston Aqua 2-in-1 Spray Satin
- finish with Ralston Aqua 2-in-1 Spray Satin

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, wooden substrates
Remove dirt and any weathered and/or degraded parts from wood and wood-based panels prior to application of the paint system in order to obtain a clean and sound substrate. By rounding off sharp edges, a longer protection of the substrate is obtained. Wood may contain up to 18% moisture during treatment.

The details in this product data sheet are correct at the time of printing. The information provided about this product is regularly updated, and amendments may therefore be made at any time without notice. Ralston Colour & Coatings B.V. expressly disclaims any and all liability related to damages resulting from errors or omissions in the information provided herein, except in the event of malicious intent or gross negligence.

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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.