



High-quality, water-dilutable satin gloss enamel on the basis of a modified biobased alkyd technology.

- Excellent outdoor durability
- Excellent flow and optimal hiding power
- Easy application
- Fast-drying
- Resistant to skin oils from handling
- Up to 40% biobased

www: Ralston Aqua Satin BIOseries

With Ralston's BIOseries paints, you always make a conscious choice. This high-quality paint not only offers the best end result for your paintwork. The paint also contributes to lower consumption of fossil raw materials by using vegetable, renewable raw materials derived from residual streams. Thus, together we contribute to the livability of the world/planet for our future generations.

Application

Situation

Exterior, interior

Application

On pre-treated wood, metal, synthetics (hard pvc) and stony surfaces. Can be applied over the existing paintwork after first thoroughly cleaning and sanding the surface.

Colors

Colours

All colours available via the Ralston AQ colour mixing system.

All colours available via the Ralston UNI Plus colour mixing system.

Performance and features

Binder

Alkyd technology (biobased)

Pigment

High quality pigments

Density at 20°C

Approx. 1.3 kg/dm³

Viscosity at 20°C

Approx. 110 K.U.

Solids content

Approx. 39 volume %

Drying time (20°C / 65% R.H.)

Dust-free after approx. 0.5 hr, recoatable after approx. 4 hr.

Drying times are average values and provided as an indication only; actual drying time will depend on weather conditions, film thickness and choice of colour. Darker colours, applied in lower temperatures will take longer to dry than whites and lighter colours.

Elasticity

9 mm

Gloss level

Satin gloss, approx. 30 G.U. at 60°

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

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Processing

Application	brush, roller, air spray
Spray data air spray - pressure	0,3 - 0,4 MPa (3 - 4 bar)
Spray data air spray - orifice	1,5 - 2,0 mm
Spray data air spray - dilution	10 - 20% water
	Adjust spray angle and nozzle for the object to be sprayed.
Dilution	Ready to use. If necessary max. 5% water.
Tools/equipment cleaning	Water.
Application temperature / R.H.	Min. 7 - max. 25 ambient and substrate temp., relative humidity max. 85%. Substrate temperature min. 3°C above dew point.
Theoretical coverage	11 m ² /l
Practical coverage	Depending on the application method and the substrate, 60 - 85% of the theoretical coverage.
Film thickness	35 microns dry film thickness = approx. 90 microns wet film thickness
Mixing	Stir thoroughly before use. Check the dew point regularly when applying at low temperatures. With wood and metal substrates, this can have a major influence on the ability to apply the coating, as well as on the drying and gloss of the applied coating.

Maintenance

Maintenance interval	Approx. 6 years Depending on location/ situation, surface to be treated, construction system, applied paint system and colour, mechanical impacting, etc.. The annual cleaning and touching up of damage prolongs the condition of the substrate and the paintwork.
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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/d: 130 g/l 2010. This product contains a maximum of 130 g/l VOCs.
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	0.5L, 1L, 2.5L, 5L
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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