

Product Data Sheet

Ralston AQ-colourant 800 – 900 series

Waterborne colourants with low-VOC for tinting of waterborne lacquers and wall paints.



	Pigment index	Pigment content of colourant (%)*	Density at 20°C (kg/l)	Light fastness of pigment BlueWool scale 1-8 ** 1=very poor, 8=excellent		Weather fastness of pigment ISO grey scale 1-5 ** 1=obvious change, 5=no change	
				Full shade (Pure)	Reduction (1/25)	Full shade (Pure)	Reduction (1/25)
AQ 800 White	PW6	60	2.02	8	8	5	5
AQ 800 White	PW6	60	2.02	8	8	5	5
AQ 810 Organic Yellow	PY74	55	1.27	7 - 8	6 - 7	4 - 5	3
AQ 810 Organic Yellow	PY74	55	1.27	7 - 8	6 - 7	4 - 5	3
AQ 820 Organic Orange	P05	40	1.24	7	5	3 - 4	2
AQ 830 Organic Red	PR112	40	1.16	7 - 8	6	4 - 5	3
AQ 840 Magenta	PR122	25	1.1	8	7 - 8	4 - 5	4
AQ 841 Blue Violet	PV23	20	1.08	8	7 - 8	4 - 5	4
AQ 850 Phthalic Blue	PB15:3	35	1.17	8	8	5	5
AQ 852 Cobalt Blue	PB28	55	1.77	8	8	5	5
AQ 860 Phthalic Green	PG7	40	1.31	8	8	5	5
AQ 870 Oxide Yellow	PY42	50	1.71	8	8	5	5
AQ 870 Oxide Yellow	PY42	50	1.71	8	8	5	5
AQ 871 Bismuth Yellow	PY184	50	1.81	8	8	5	4 - 5
AQ 873 Oxide Orange	PY42	50	1.64	8	8	5	5
AQ 880 Oxide Red	PR101	60	2.08	8	8	5	5
AQ 880 Oxide Red	PR101	60	2.08	8	8	5	5
AQ 890 Oxide Black	PBk11	20	1.47	8	8	5	5
AQ 900 Black	PBk7	20	1.23	8	8	5	5
AQ 900 Black	PBk7	20	1.23	8	8	5	5
AQ 57 Transparent Yellow	PY42	40	1.4	8	8	5	5
AQ 58 Transparent Red	PR101	35	1.37	8	8	5	5

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- High compatibility
- Optimized pigment content for high opacity
- High stability in canister
- No foaming after mixing
- Low VOC
- Produced in own factory in the Netherlands
- Very high batch-to-batch consistency

Intended use

Ralston Aqua colourants are recommended for tinting of water-based enamels, wall paints and plasters. Suitable for both 'Point of Sales (POS)' as for 'In-plant' tinting systems.

Usage

Compatibility

The colourants are compatible with many architectural paints. However, it is recommended to test the compatibility.

Suitable for the colouring of

- Water based acryl copolymers wallpaints
- Water based decorative plasters
- Water based silicate wallpaints
- Water based bio-based wallpaints
- Water based acrylic and PU-acrylic paints
- Water based alkyd emulsion and hybrid paints
- Water based 2K polyurethane paints
- Water based 2K epoxy paints

Instructions for use

The colourants are ready for use and may not be diluted when used in the tinting system. Shake well before use.

Basic data

Viscosity at 20°C

70 - 105

Dependent on colourant.

Fineness

< 15 µm

Colour strength

Based on volume with a tolerance < 3 %.

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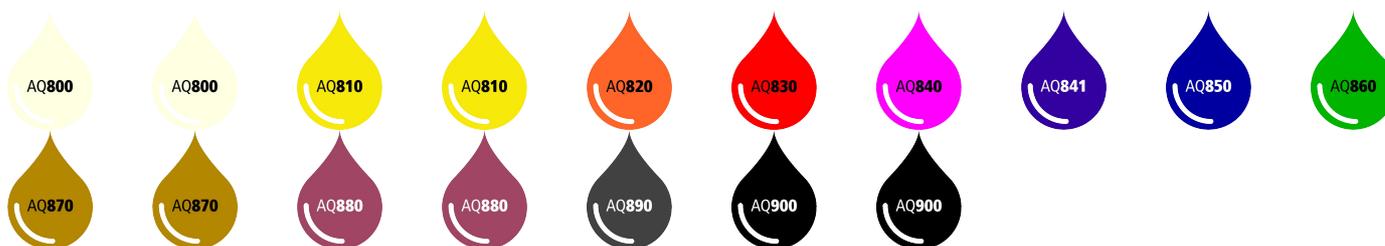
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Modular system

The colourants have been selected to obtain the widest possible colour range in both Interior and Exterior paints. Starting from only 12 colourants (Deco Standard). For this selection we have over 150.000 colour formulations immediately available. For higher demanding paint applications especially Exterior use, we have the option to add specific colourants. These colourants are grouped in modules with available colour formulas. The selection of these modules depends on the type of paints to be tinted, the selected dispensing machine, number of canisters and cost.

Deco Standard module

These colourants have been selected for the widest possible colour range.



Deco Façade module

High performance inorganic pigments for increased outdoor durability combined with a good alkali resistance, for specific use in silicate paints and plasters.



Deco Façade A1 module

To include green and blue colour tones with only inorganic pigments.



Deco Wood Stains module

Transparent iron oxides for tinting of woodstains.



Environment and Health

Flash point (°C)
Safety instructions

Not applicable.
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.

Item details

Packaging (l) 1, 2.5
Storage In unopened, original package at a cool 5 - 35°C, dry and frost-proof area.
Use within 24 Months in unopened packaging.

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