



Product Data Sheet

Ralston Aqua Colourants

AQ 800-900 series

Ralston Colour & Coatings B.V.

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Description

Low VOC colourants for water-based architectural paints.

Overview

Name	Colour	Semi-mass Tone	Pigment index	Pigment content of colorant (%) *	Density (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=severe change, 5=no change)	
						Full shade (Pure)	Reduction (1/25)	Full shade (Pure)	Reduction (1/25)
AQ800	White		PW6	60	2,02	8	8	5	5
AQ810	Organic Yellow		PY74	55	1,27	7-8	6-7	4-5	3
AQ812	Exterior Yellow		PY154	35	1,16	8	7-8	5	4-5
AQ820	Organic Orange		PO5	40	1,24	7	5	3-4	2
AQ830	Organic Red		PR112	40	1,16	7-8	6	4-5	3
AQ833	Exterior Red		PR254	40	1,22	8	8	5	4-5
AQ840	Magenta		PR122	25	1,10	8	7-8	4-5	4
AQ841	Blue Violet		PV23	20	1,08	8	7-8	4-5	4
AQ850	Phtalic Blue		PB15:3	35	1,17	8	8	5	5
AQ860	Phtalic Green		PG7	40	1,31	8	8	5	5
AQ870	Oxide Yellow		PY42	50	1,71	8	8	5	5
AQ871	Bismuth Yellow		PY184	50	1,81	8	8	5	4-5
AQ873	Oxide Orange		PY42	50	1,64	8	8	5	5
AQ880	Oxide Red		PR101	60	2,08	8	8	5	5
AQ890	Oxide Black		PBk11	20	1,47	8	8	5	5
AQ900	Black		PBk7	20	1,23	8	8	5	5
AQ57	Transparent Oxide Yellow		PY42	40	1,40	8	8	5	5
AQ58	Transparent Oxide Red		PR101	35	1,37	8	8	5	5

* Delivery specifications are based on colour strength on volume. Therefore pigment contents mentioned are indicative.

** All data according to pigment suppliers; variation not only due to pigment chemistry but also exposure conditions, substrate and coating influences fastness. The values should be used as guidelines, testing is recommended.

Application

Ralston Aqua colourants are recommended for tinting of water-based enamels and wall paints, in-plant or point of sales (POS) tinting systems.



Product Data Sheet

Ralston Aqua Colourants (continued)

Instructions for use

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

Shake well before use

Characteristics

Viscosity at 20°C (Stormer)	:	dependent on colorant: 70 – 105 KU
Fineness	:	< 15 µm
Colour strength	:	based on volume with a tolerance < 3%
Shelf life	:	24 months
Storage	:	in unopened, original package at a cool (5-35°C), dry and frost-proof area
Compatibility	:	the colourants are compatible with many architectural paints. However, it is recommended to test the compatibility.
Can be used for	:	<ul style="list-style-type: none"> • Interior / Exterior emulsion paint • Interior / Exterior plaster • Silicate paint • Bio based paint • water based gloss, semi-gloss and matt acrylic and PU-acrylic paint • water based alkyd emulsion and hybrid system • water based primer • water based roof coat • water based 2K PU system and 2K Epoxy

Modular System

Selection depending on machine configuration (available canisters), required colour range, application and costs

Name	Colour	Semi-mass Tone	Deco Standard	Deco UV Plus	Deco Facade	Deco Wood Stains
AQ800	White		X	X	X	
AQ810	Organic Yellow		X			
AQ812	Exterior Yellow			X		
AQ820	Organic Orange		X			
AQ830	Organic Red		X			
AQ833	Exterior Red			X		
AQ840	Magenta		X	X		
AQ841	Blue Violet		X	X		
AQ850	Phtalic Blue		X	X	X	
AQ860	Phtalic Green		X	X	X	
AQ870	Oxide Yellow		X	X	X	
AQ871	Bismuth Yellow				X	
AQ873	Oxide Orange				X	
AQ880	Oxide Red		X	X	X	
AQ890	Oxide Black		X	X	X	
AQ900	Black		X	X	X	X
AQ57	Transparent Oxide Yellow					X
AQ58	Transparent Oxide Red					X