



## Product Data Sheet

# Ralston UNI Plus Colourants

## UNI Plus 100-200 series

Ralston Colour & Coatings B.V.

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### Description

VOC free universal colourants for water-based and solvent based architectural paints.

### Overview

Name	Colour	Semi-mass Tone	Pigment index	Pigment content of colourant (%) *	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)
UNI Plus 100	White		PW6	60	1,96	8	8	5	5
UNI Plus 110	Organic Yellow		PY74	55	1,27	7-8	6-7	4-5	3
UNI Plus 112	Exterior Yellow		PY154	35	1,15	8	7-8	5	4-5
UNI Plus 120	Organic Orange		PO5	45	1,23	7	5	3-4	2
UNI Plus 121	Exterior Orange		PO73	35	1,13	8	8	5	4-5
UNI Plus 130	Organic Red		PR112	40	1,11	7-8	6	4-5	3
UNI Plus 133	Exterior Red		PR254	40	1,24	8	8	5	4-5
UNI Plus 140	Magenta		PR122	25	1,13	8	7-8	4-5	4
UNI Plus 141	Blue Violet		PV23	20	1,09	8	7-8	4-5	4
UNI Plus 150	Phtalic Blue		PB15:3	35	1,24	8	8	5	5
UNI Plus 152	Cobalt Blue		PB28	55	1,85	8	8	5	5
UNI Plus 160	Phtalic Green		PG7	40	1,34	8	8	5	5
UNI Plus 161	Oxide Green		PG17	50	1,70	8	8	5	5
UNI Plus 170	Oxide Yellow		PY42	50	1,71	8	8	5	5
UNI Plus 171	Bismuth Yellow		PY184	50	1,78	8	8	5	4-5
UNI Plus 173	Oxide Orange		PY42	45	1,60	8	8	5	5
UNI Plus 180	Oxide Red		PR101	60	2,17	8	8	5	5
UNI Plus 190	Oxide Black		PBk11	20	1,48	8	8	5	5
UNI Plus 200	Black		PBk7	20	1,25	8	8	5	5
UNI Plus 97	Transparent Yellow		PY42	30	1,27	8	8	5	5
UNI Plus 98	Transparent Red		PR101	25	1,29	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 UNI Plus colourants are recommended for tinting of solvent based and water-based enamels and wall paints, in-plant or point of sales (POS) tinting systems.



## Product Data Sheet

### Ralston UNI Plus 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 colourant: 65-105 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"> <li>• Interior / Exterior emulsion paint, plaster and silicate paint</li> <li>• water based gloss, semi-gloss and matt acrylic and PU-acrylic paint</li> <li>• water based alkyd emulsion and hybrid system</li> <li>• solvent based long and short/medium oil alkyds</li> <li>• solvent based silicon alkyds and high solids</li> <li>• solvent- and water based primers</li> <li>• solvent- and water based roof coat</li> <li>• linseed oil</li> </ul>

#### 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 A1	Deco Woodstains
UNI Plus 100	White		X	X	X	
UNI Plus 110	Organic Yellow		X			
UNI Plus 112	Exterior Yellow			X		
UNI Plus 120	Organic Orange		X			
UNI Plus 121	Exterior Orange			X		
UNI Plus 133	Exterior Red		X	X		
UNI Plus 140	Magenta		X	X		
UNI Plus 141	Blue Violet		X	X		
UNI Plus 150	Phtalic Blue		X	X		
UNI Plus 152	Cobalt Blue				X	
UNI Plus 160	Phtalic Green		X	X		
UNI Plus 161	Oxide Green				X	
UNI Plus 170	Oxide Yellow		X	X	X	
UNI Plus 171	Bismuth Yellow				X	
UNI Plus 173	Oxide Orange				X	
UNI Plus 180	Oxide Red		X	X	X	
UNI Plus 190	Oxide Black		X	X	X	
UNI Plus 200	Black		X	X		X
UNI Plus 97	Transparent Yellow					X
UNI Plus 98	Transparent Red					X