



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	1,20	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	1,29	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 :
 - Interior / Exterior emulsion paint, plaster and silicate paint
 - water based gloss, semi-gloss and matt acrylic and PU-acrylic paint
 - water based alkyd emulsion and hybrid system
 - solvent based long and short/medium oil alkyds
 - solvent based silicon alkyds and high solids
 - solvent- and water based primers
 - solvent- and water based roof coat
 - linseed oil

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