



Product Data Sheet

Ralston IND Pro Colourants

IND Pro 300-400 series

Ralston Colour & Coatings B.V.

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Description

VOC free* colourants for 1K or 2K solvent based or solvent free industrial and protective coatings.

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)
IND Pro 300	White		PW6	60	1,82	8	8	5	5
IND Pro 310	Yellow Full tone		PY74	30	1,09	6-7	5	4-5	3-4
IND Pro 312	Exterior Yellow		PY154	40	1,16	7	6	5	4-5
IND Pro 314	Orange Yellow		PY139	35	1,26	7-8	7-8	4	3-4
IND Pro 322	Exterior Orange		PO36	35	1,14	8	7-8	5	4
IND Pro 333	Exterior Red		PR254	40	1,16	8	8	4-5	4
IND Pro 344	Red Violet		PV19	30	1,24	7-8	7	4-5	4
IND Pro 340	Magenta		PR122	20	1,04	6-7	6	4	4-5
IND Pro 341	Blue Violet		PV23	20	1,04	7-8	7	4-5	4
IND Pro 350	Phtalo Blue		PB15:3	25	1,08	8	8	5	5
IND Pro 360	Phtalo Green		PG7	25	1,12	8	8	5	5
IND Pro 370	Oxide Yellow		PY42	55	1,66	8	8	5	5
IND Pro 371	Bismuth Yellow		PY184	60	2,03	8	8	4-5	5
IND Pro 380	Oxide Red		PR101	60	1,89	8	8	5	5
IND Pro 390	Oxide Black		PBk11	65	1,98	8	8	5	5
IND Pro 400	Black		PBk7	25	1,12	8	8	5	5

* Product can contain a trace amount of VOC (< 0.5 %)

** 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.

Application1K

Ralston IND Pro colourants are recommended for tinting of solvent based or solvent free 1K and 2K Industrial & Protective Coatings, in-plant or to be used in point of sales (POS) tinting systems.



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Ralston IND Pro 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 (Brookfield)	:	dependent on colorant: 1000 – 10.000 mPa.s
Fineness	:	< 15 µm
Colour strength	:	based on volume with a tolerance < 3%
Shelf life	:	12 months
Storage	:	in unopened, original package at a cool (5-35°C), dry and frost-proof area.
Compatibility	:	the colourants are compatible with many industrial and protective coatings. However, it is recommended to test the compatibility.

Can be used for :

- 1K and 2K Epoxy Coating (Solvent based or solvent free)
- 1K and 2K PU Coating (Solvent based or solvent free)
- 2K Epoxy flooring, including terrazzo flooring
- Epoxy ester
- Polyaspartics
- Short- and Medium oil Alkyds
- Styrene modified Alkyds
- Nitrocellulose
- Acrylics

Key benefits :

- Carrier for the pigments is selected for having minimal effect to the properties of the coating.
- Utilizing biobased technology
- VOC free*
- Pigments are selected for optimum chemical- and heat resistance and outdoor durability
- Maximized pigment content for high opacity and cost efficiency
- No heavy metals in the pigments: Prepared for future legislations
- Optimized pigment alternatives to replace lead in yellow-orange-red colour tones
- Low viscosity: Suitable for use in volumetric tinting machines
- Suitable for in-plant use as well