



## 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	2,10	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