

## Architectural in-plant colorants for water-based applications

Color Solutions

### Colortrend® 872



### General description

Colortrend 872 colorants are high-strength, pourable color pastes recommended for in-plant tinting of emulsion and water-based coatings. All colorants have a 6 minimum fineness of grind Hegman gauge ( $<20\mu\text{m}$ ) which make Colortrend 872 colorants ideal for the tinting of latex paints.

Colortrend 872 colorants are cost-effective, high-concentration aqueous dispersions containing high quality CI pigments that many paint formulating professionals want to use. Strength is controlled to  $\pm 2\%$  vs. standard,  $\Delta E$  0.6 vs. standard.

Colortrend 872 colorants contain synergistic combinations of wetting and dispersing agents which allow them to mix readily into a variety of aqueous media and form stable dispersions in any ratio.

### Other applications

Colortrend 872 colorants can be used in many types of emulsion products that require coloring such as: synthetic resin emulsion paints, aqueous wood stains, aqueous transparent wood finishes, synthetic latices, and polyester and acrylate casting resins.

## Compatibility

Colortrend 872 colorants are compatible with all types of latices such as:

- Styrene butadiene
- Semi-gloss and gloss latices
- Polyvinyl acetate
- Alkyd resin emulsions
- Acrylics
- Water type coatings
- Vinyl acetate – ethylene copolymers
- Alkyd modified latices



Product code	Description	Pigment CI	Specific gravity	Pigment solids	Approx. lightfastness		Alkaline fastness	Material VOC, g/L	Material VOC, lb/L
					1:01	1:25			
872-0801	Red C4	Red 112	1.18	45	7	6	5	148	1.24
872-1027	Red oxide C27	Red 101	2.19	69	8	8	5	285	2.38
872-1812	Yellow oxide C16	Yellow 42	1.83	57	8	8	5	622	5.19
872-2010	Yellow C9	Yellow 83	1.17	40	6-7d*	4-5	5	328	2.74
872-2040	Yellow C2	Yellow 74	1.23	50	6-7	4-5	5	246	2.05
872-5513	Green C7	Green C7	1.41	50	8	8	5	381	3.18
872-7225	Blue C5	Blue C5	1.23	45	8	8	5	271	2.26
872-9908	Black C8	Black C8	1.27	45	8	8	5	241	2.01

All data obtained directly from pigment suppliers, individual testing is recommended. Lightfastness is measured against the blue wool standard on a scale of 1 to 8, where 1 = severe change and 8 = no change. Weather fastness is measured on a scale of 1 to 5, where 1 = severe change and 5 = no change. "d" = color darkens.

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