

VOC free colorants for universal applications

Colortrend 807 contains 14 water-based colorants for interior and exterior application and 7 water-based inorganic colorants for Façades.

With a VOC content of typically <1 g/l the 807 colorants comply with the latest, strict environmental requirements. The 807 colorants are highly concentrated with an excellent color strength.

Advantages for your tinting system are:

- Minimal impact on paint properties such as gloss, drying time and hardness due to low colorant addition.
- Cost-efficient color formulations.
- Improved opacity.

Façade colorants

In its different modules, the Colortrend 807 system offers in total 11 high premium inorganic colorants. The colorants are suitable for many types of exterior paints such as masonry paints, plasters, silicate, silicone and mineral paints. The Façade colorants are based on pigments highly resistant against UV radiation, alkali and acids with exceptional weather fastness.

Key Benefits

- Excellent color space coverage
- Tailor-made solutions due to its modular set-up
- Cost-effective module for interior paints
- More than 12.000 color formulations including standard systems such as NCS and RAL upon request
- Expanded color space for silicate, silicone and mineral paints due to a broad range of inorganic colorants (Façade modules)
- Applicable for POS and In-Plant tinting
- Possibility to combine with transparent iron oxides

Our Services

As a frontrunner in integrating tinting solutions, Chromaflo Technologies provides excellent service in the set-up of your tinting systems as well as smooth colorant technology conversions. Our technical support includes:

- Assurance of colorant and base paint compatibility
- System design, optimization and pigment selection
- Color matching and database development
- Equipment compatibility and sales support

Stringent production controls and processes ensure that all colorants are manufactured to rigid specifications for color shade, strength and rheology. The end result is assured color accuracy and reproducibility.



COLORTREND® 807 TECHNICAL DATA

Name	Color	Pigment	Pigment content of colorant [%]	Light fastness of pigment ¹⁾		Weather resistance of pigment ²⁾		Density of Colorant (g/ml)
				Full	Tint	Full	Tint	
807-0018 KXE ³⁾	Titanium White	PW 6	54	8	8	5	5	2.06
807-0424 QME	Quinacridone Magenta	PR 122	26	7d	8	4-5	4	1.14
807-0755 REE	ES Organic Red	PB 254	36	8	8	4-5	4-5	1.23
807-0763 HXE	ES Naphtol Red	PR 112	40	7-8	6	4-5	3	1.19
807-0910 IOE ³⁾	Inorganic Orange	PY 216	61	8	8	5	5	1.90
807-0972 ORE	ES Organic Orange	PO 73	24	8	8	4-5	4-5	1.50
807-1045 FE ³⁾	Red Iron Oxide	PR 101	59	8	8	5	5	2.07
807-1811 CNE ³⁾	Yellow Iron Oxide	PY 42	55	8	8	5	5	1.85
807-2009 LE ³⁾	Natural Raw Umber	PBr 7	26	8	8	5	5	1.40
807-2528 AGE	Yellow	PY 128	32	7-8	7-8	4-5	4	1.17
807-2554 SXE	ES Yellow	PY 74	51	7-8	7	4-5	4	1.24
807-2860 BVE ³⁾	Bismuth Vanadate Yellow	PY 184	48	8	8	4-5	4-5	1.85
807-2900 IGE ³⁾	Cobalt Green	PG 50	66	8	8	5	5	2.00
807-5555 DXE	ES Phthalo green	PG 7	29	8	8	5	5	1.28
807-5560 CGE ³⁾	Chrome Oxide Green	PG 17	66	8	8	5	5	2.10
807-7055 EXE	ES Blue	PB 15:3	32	8	8	5	4-5	1.23
807-7060 UBE ³⁾	Ultramarine Blue	PB 29	56	8	8	4-5	4-5	1.50
807-7460 CBE ³⁾	Cobalt Blue	PB 28	62	8	8	5	5	2.00
807-8894 JXE	HS Violet	PV 23	8	8	7-8	4-5	4	1.31
807-9957 BXE	HS Lamp Black	PBk 7	25	8	8	5	5	1.45
807-9960 BOE ³⁾	Black Oxide	PBk 11	55	8	8	5	5	1.69

The values given in the table are guidance figures only. The data is obtained from pigment suppliers, individual testing is recommended.

¹⁾ Light fastness is measured on an eight step blue scale, where 1 = very poor light fastness, 8 = excellent light fastness.

²⁾ Weather resistance is measured on a five step gray scale, where 1 = very poor weather resistance, 5 = excellent weather resistance.

³⁾ Colorant containing inorganic pigment(s).

Chromaflo Technologies recommends to use only colorants containing inorganic pigments in high alkaline environments and in exterior silicate or silicone based products.

[d] = Color turns darker

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.



www.chromaflo.com

Published: July 2014

