

+ Coltec™ C

The benchmark colorant system for universal architectural applications

Faced with growing technical and environmental challenges, the paint industry requires colorant solutions that demonstrate proven performance while offering a vast selection of colors. The number and variety of architectural products, such as alkyds and latexes, for both interior and exterior use is growing all the time. The complete range of universal Coltec architectural colorants from Chromaflo Technologies is suitable for use with a variety of latex paints, long oil alkyds, enamels and wood stains.

► Application

Chromaflo Technologies complete range of Universal Coltec colorants for architectural applications are suitable for mixing with a variety of latex paints, long oil alkyds, enamels and wood stains.

► Properties

The pigmentation of Coltec colorants has been formulated to meet the performance needs of architectural paints. In addition to the high quality pigments for red and yellow, which provide excellent weather resistance for exterior applications, there are additional economical options in the Coltec portfolio to ensure a balance between price and performance. Four inorganic colorants have been added to extend the application areas to facade paints. Transparant iron oxide colorant options are available for wood finishing applications.

► Coltec C

All Coltec C colorants are VOC (<1 g/l) and APE free, ensuring a completely VOC free end product that meets the latest, strict environmental requirements.

► Mixed Systems

Coltec colorants are fully compatible with each other and can be used interchangeably to create a fully customized tinting system.

The color experts at Chromaflo Technologies will work to create a unique system to meet your needs taking into account:

- Technical performance
- Existing POS equipment
- Required color space
- Future needs
- Budget

► 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.



Name	Color	Pigment	Pigment content of colorant [%]	Light Fastness of Pigment ¹		Weather Resistance of Pigment ²		Density of Colorant (kg/m ³)
				Mass	Tint	Mass	Tint	
KU ³	White	PW 6	60	8	N.A.	5	N.A.	2032
IS ³	Biva Yellow	PY 184	65	8	8	4-5	4-5	2000
FS ³	Black Oxide	PBk 11	55	8	8	5	5	1780
XS	Black LC	PBk 7	10	8	8	5	5	1400
AS	Black	PBk 7	20	8	8	5	5	1279
JS	Black HC	PBk 7	35	8	8	5	5	1219
TS ³	Yellow Oxide	PY 42	60	8	8	5	5	1845
YS ³	Red Oxide	PR 101	65	8	8	5	5	2040
WS ³	Umber	PBk 7/ PY 42/ PR 101	25	8	8	5	5	1622
MS	Yellow LC	PY 128	25	7-8	7-8	4-5	4	1367
QS	Yellow HC	PY 74	27	7-8	6-7	4-5	3	1430
U2	Orange	PR 168 / PY 110	19	8 / 7	8 / 8	5 / 4-5	4-5 / 5	1338
NS	Red LC	PR 166	7	8	6-7	5	3-4	1400
VS	Red HC	PR 112	22	8	6	4-5	3	1376
BS	Magenta	PR 122	27	7	7-8	4	4-5	1150
HS ³	Blue Cobalt	PB 28	65	8	8	5	5	2008
LS	Blue LC	PB 15:1	8	8	8	5	4-5	1408
RS	Blue HC	PB 15:3	45	8	8	5	4-5	1330
PS	Green	PG 7	10	8	8	5	4-5	1429
GS ³	Green Oxide	PG 17	67	8	8	5	5	2244
ZS	Violet	PV 23	10	8	8	5	4	1310
US	Orange	PO 67	16	8	6-7	4-5	2	1399
US-N	Orange	PO 73	20	8	8	4-5	4-5	1460
CS ³	Yellow Oxide TR	PY 42	25	8	8	5	5	1246
DS ³	Red Oxide TR	PR 101	30	8	8	5	5	1329
CH ³	Yellow Oxide TR	PY 42	38	8	8	5	5	1421
DH ³	Red Oxide TR	PR 101	40	8	8	5	5	1480

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.