+ 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.

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.

Coltec C

All Coltec C colorants are VOC and APE free, meeting the latest 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 in to 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/m3)
				Mass	Tint	Mass	Tint	
KU[3]	White		60	8	N.A.	5	N.A.	2032
IS[3]	BiVa Yellow		65	8	8	4-5	4-5	2000
FS	Black Oxide		55	8	8	5	5	2000
XS	Black LC		10	8	8	5	5	1485
AS	Black MC		20	8	8	5	5	1279
JS	Black HC		35	8	8	5	5	1219
TS[3]	Yellow Oxide		60	8	8	5	5	1845
YS[3]	Red Oxide		65	8	8	5	5	2040
WS[3]	Umber		25	8	7-8	5	5	1622
MS	Yellow LC		25	7-8	6-7	4-5	4	1367
QS	Yellow HC		27	7-8	8 / 8	4-5	3	1430
U2	Orange LC		19	8 / 7	6-7	5 / 4-5	4-5 / 5	1338
NS	Red LC		7	8	6	5	3-4	1400
VS	Red HC		22	8	7-8	4-5	3	1376
BS	Magenta		30	7	8	4	4-5	1120
HS[3]	Cobalt Blue		65	8	8	5	5	2008
LS	Blue LC		8	8	8	5	4-5	1408
RS	Blue HC		45	8	8	5	4-5	1330
PS	Green		10	8	8	5	4-5	1429
GS[3]	Green Oxide		67	8	8	5	5	2244
ZS	Violet		10	8	8	5	4	1310
US	Orange		16	8	6-7	4-5	2	1399
US-N	Orange		20	8	8	4-5	4-5	1460
CS[3]	TROX Yellow	PY 42	25	8	8	5	5	1261
DS[3]	TROX Red	PR 101	30	8	8	5	5	1335
CH[3]	TROX Yellow	PY 42	38	8	8	5	5	1421
DH[3]	TROX Red	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 exteriorsilicate or silicone based products.

Chromaflo Technologies
Where Art Meets Technology

Published December 2019