

## 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 good price/performance balance.

### Coltec B

Coltec B colorants contain <300 g/l of VOCs and is APE free. Propylene glycol is used as a co-solvent assuring efficient functionality and performance in dispensing equipment.

Coltec products are also available in C technology, which is VOC and APE free.

### 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.



## COLTEC™ B TECHNICAL DATA

Name	Color	Pigment	Pigment content of colorant [%]	Light fastness of pigment <sup>1</sup>		Weather resistance of pigment <sup>2</sup>		Density of Colorant (g/ml)
				Full	Tint	Full	Tint	
KU <sup>3</sup>	White	PW 6	60	8	n/a	5	n/a	1.85
IS <sup>3</sup>	BiVa Yellow	PY 184	65	8	8	4-5	4-5	2.04
MS	Yellow LC	PY 128	25	7-8	7-8	4-5	4	1.20
QS	Yellow HC	PY 74	27	7-8	6-7	4-5	3	1.29
TS <sup>3</sup>	Yellow Oxide	PY 42	60	8	8	5	5	1.81
US	Orange	PO 67	16	8	6-7	4-5	3	1.26
US-N	Orange	PO 73	20	8	8	4-5	4-5	1.32
NS	Red LC	PR 166	7	8	6-7	5	3-4	1.30
VS	Red HC	PR 112	22	8	6	4-5	3	1.27
YS <sup>3</sup>	Red Oxide	PR 101	65	8	8	5	5	2.04
BS	Magenta	PR 122	30	7	7-8	4	4-5	1.12
ZS	Violet	PV 23	10	8	8	5	4	1.27
HS <sup>3</sup>	Cobalt Blue	PB 28	65	8	8	5	5	1.95
LS	Blue LC	PB 15:1	8	8	8	5	4-5	1.34
RS	Blue HC	PB 15:3	45	8	8	5	4-5	1.25
PS	Green	PG 7	10	8	8	5	4-5	1.36
GS <sup>3</sup>	Green Oxide	PG 17	67	8	8	5	5	2.24
WS <sup>3</sup>	Umber	PBk7/PY42/PR101	25	8	8	5	5	1.57
FS <sup>3</sup>	Black Oxide	PBk 11	55	8	8	5	5	1.64
XS	Black LC	PBk 7	10	8	8	5	5	1.48
AS	Black MC	PBk 7	20	8	8	5	5	1.38
JS	Black HC	PBk 7	35	8	8	5	5	1.26

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

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

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

<sup>3</sup> 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.

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