

The benchmark colorant system for universal architectural applications

Color Solutions

Coltec™ B

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 Vibrantz 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.

Coltec B

Coltec B colorants contain <300 g/l of VOCs and are 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 Vibrantz 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, Vibrantz 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	1912
XS	Black LC	PBk 7	10	8	8	5	5	1416
AS	Black	PBk 7	20	8	8	5	5	1347
JS	Black HC	PBk 7	35	8	8	5	5	1257
YS ³	Red Oxide	PR 101	65	8	8	5	5	2059
WS ³	Umber	PBk7 / PY42 / PR101	25	8	8	5	5	1575
MS	Yellow LC	PY 128	25	7-8	7-8	4-5	4	1215
QS	Yellow HC	PY 74	27	7-8	6-7	4-5	3	1352
TS ³	Yellow Oxide	PY 42	60	8	8	5	5	1843
NS	Red LC	PR 166	7	8	6-7	5	3-4	1304
VS	Red HC	PR 112	22	8	6	4-5	3	1310
BS	Magenta	PR 122	30	7	7-8	4	4-5	1121
LS	Blue LC	PB 15:1	8	8	8	5	4-5	1322
RS	Blue HC	PB 15:3	45	8	8	5	4-5	1260
PS	Green	PG 7	10	8	8	5	4-5	1365
US	Orange	PO 67	16	8	6-7	4-5	2	1265
US-N	Orange	PO 73	20	8	8	4-5	4-5	1370
ZS	Violet	PV 23	10	8	8	5	4	1308
CS ³	TROX Yellow	PY 42	25	8	8	5	5	1261
DS ³	TROX Red	PR 101	30	8	8	5	5	1335

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). Vibrantz Technologies recommends to use only colorants containing inorganic pigments in high alkaline environments and in exteriorsilicate or silicone based products.

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