

Highest colorant strength for universal architectural applications

Chromaflo Technologies' Monicolor Universal colorants offer a vast selection of colors for the architectural market. Technical specifications within the paint industry are increasingly compounded by ever-changing environmental requirements. Stricter regulations apply to all products in the colorant and paint industry. At the same time, the amount and variety of architectural products such as alkyds and latexes for interior and exterior use continue to grow.

Application

Chromaflo Technologies' complete range of universal Monicolor 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 Monicolor colorants has been formulated to meet the performance demands of architectural paints. The range satisfies key performance requirements such as light fastness, accuracy in pastels, opacity and cost effectiveness. There are additional economical yellow and red options in the Monicolor portfolio to ensure a good price/performance ratio. Monicolor colorants ensure accuracy and reproducibility at the point-of-sale. Color and color strength are volumetrically controlled.

Monicolor B

Monicolor B colorants contain <300 g/l of VOCs and is APE free. Propylene glycol is used as a co-solvent, adding to efficient functionality and performance of the dispensing equipment.

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

Mixed systems

Monicolor colorants are fully compatible with each other and can be used interchangeably to create a customized tinting system. The color experts at Chromaflo Technologies are at hand to create unique tinting systems that 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.



MONICOLOR™ B TECHNICAL DATA

Name	Color	Pigment	Pigment content of colorant [%]	Light fastness of pigment ¹⁾		Weather resistance of pigment ²⁾		Density of Colorant (kg/m ³)
				Full	Tint	Full	Tint	
XT ³⁾	White	PW 6	65	8	N.A.	5	N.A.	2078
ZT	Citron Yellow	PY 138	12	8	8	4-5	3-4	1394
KS	Yellow	PY 74	20	7-8	6-7	4-5	3	1367
US	Orange Yellow	PY 83	29	7-8	6-7	4	3	1270
RT ³⁾	Yellow Oxide	PY 42	55	8	8	5	5	1799
PT	Orange Red	PR 168	10	8	8	5	4-5	1439
RD	Red	PR 254	37	8	8	4-5	4	1239
RS	Red	PR 112	20	8	6	4-5	3	1388
VT ³⁾	Red Oxide	PR 101	50	8	8	5	5	1960
ST ³⁾	Umber	PBk7/PY42/PR101	35	8	8	5	5	1703
MM	Magenta	PR 122	25	7	7-8	4	4-5	1103
HS	Bordeaux	PV 19	13	7	7-8	4	4	1200
FT	Violet	PV 23	2	8	8	5	4	1449
MT	Blue	PB 15:4	7	8	8	5	4-5	1415
MS	Blue Strong	PB 15:3	28	8	8	5	4-5	1227
LT	Green	PG 36	10	8	8	5	4-5	1386
LS	Green Strong	PG 7	20	8	8	5	4-5	1450
TT	Black	PBk 7	9	8	8	5	5	1487

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.

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.

