

# Highest colorant strength for universal architectural applications

Color Solutions

## Monicolor® DU

Monicolor DU 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.

## General information

### Typical application

Monicolor DU colorants for architectural applications are suitable for mixing with a variety of latex paints, long oil alkyds, enamels and wood stains. Polyethylene glycol is used as a co-solvent, adding to efficient functionality and performance of the dispensing equipment.

### 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.



## Mixed systems

Monicolor DU is fully compatible with each other and can be used interchangeably to create a customized tinting system. The color experts at Vibrantz 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

Code	Name	Pigment	Specific gravity (S.G)	Pigment content of colorant [%]	Light fastness of pigment <sup>1</sup>		Weather resistance of pigment <sup>2</sup>	
					Mass	Tint	Mass	Tint
WX2	White	PW 6	2.1	65	8	N/A	5	N/A
YM1	Yellow exterior	PY 138	1.4	25	8	8	4-5	4
YH2	Yellow interior	PY 74	1.2	40	7-8	6-7	4-5	3
YX2	Oxide yellow	PY 42	1.7	49	8	8	5	5
OM1	Orange interior	PY 83	1.3	29	7-8	6-7	4	3
OM2	Orange exterior	PY 110	1.2	30	7	8	4-5	5
RH1	Red exterior	PB 254	1.2	34	8	8	4-5	4
RH2	Red interior	PR 112	1.2	35	8	6	4-5	3
RX2	Oxide red	PR 101	2.1	62	8	8	5	5
MG	Magenta	PR 122	1.2	20	7	7-8	4	4-5
BL2	Blue low	PB 15:03	1.5	8	8	8	5	4-5
BH2	Blue	PB 15:03	1.2	40	8	8	5	4-5
GH2	Green high	PG 7	1.4	41	8	8	5	4-5
CL2	Black low	PBk 7	1.4	6	8	8	5	5
CH2	Black high	PBk 7	1.4	30	8	8	5	5

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.

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