

Chromaflo Technologies meets the challenges of POS tinting with waterborne façade paints.

Novapint E waterborne colorant range combines all important technical factors for successful POS tinting with façade paints.

Chromaflo Technologies' Novapint E technology offers a range of high performance colorants for silicone emulsion and silicate dispersion paints, as well as acrylic plasters. A selection that ensures to meet the highest demands of water repellency and weather fastness in façade tinting.

Application

In addition to façade paints, Novapint E also shows excellent results in waterborne architectural and industrial paints. Novapint E is an all-round range of colorants that covers the full spectrum of waterborne paints, from façade paints to interior and exterior latex paints.

Properties

The Chromaflo Technologies' Novapint E colorants are a perfect fit for outdoor applications. These high alkaline and PVC (Pigment Volume Concentration) applications must ensure that both paint and pigment properties, such as excellent weather and light fastness, are not compromised. Beyond that, Novapint E offers a selection of 14 inorganic colorants and an unusually wide color variety in the yellow-orange-red area - an area that has traditionally been out of reach for most colorants. The Novapint E system covers the green color area with an oxide green colorant which allows tinting of façades in more traditional green shades, whilst the bright turquoise and cobalt green are available for pure green shades. The Novapint E colorant selection is completed by the inorganic oxide black PBk33, which provides higher compatibility and stability compared to PBk11.

The organic pigments used in the Novapint E range are

carefully selected to strike the perfect balance between weather fastness and economical alternatives in tinting. The range offers a cost-effective alternative for both interior and exterior quality colorants without compromising on durability and weather resistance. All colorants in the Novapint E system are VOC (Volatile Organic Compounds) and APE (Alkyl Phenol Ethoxylate) free, which makes them fully compliant with latest requirements and anticipated regulations.

Benefits

Novapint E colorants – both organic and inorganic – are fully compatible and can be used in combination with other technologies. This technology mix is a perfect tool for creating customized systems, covering a complete paint technology portfolio including water and solvent borne products. Novapint E offers a wide color space, cost efficiency and compliance with all technical challenges, requirements and regulations.

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.



NOVAPINT™ E TECHNICAL DATA

Inorganic pigment³⁾

Name	Color	Pigment	Pigment content of colorant [%]	Light fastness of pigment ¹⁾		Weather resistance of pigment ²⁾		Density of Colorant (g/ml)
				Full	Tint	Full	Tint	
BX10	Cobalt Blue	PB 28	64	8	8	5	5	2.07
BX11	Ultra Marine Blue	PB 29	50	8	8	4-5	4-5	1.56
CX10	Oxide Black	PBk 33	54	8	8	5	5	2.03
GX10	Oxide Green	PG 17	68	8	8	5	5	2.36
GX11	Cobalt Green	PG 50	59	8	8	5	5	2.19
GX12	Turquoise Green	PB 28	48	8	8	5	5	1.85
RX10	Oxide Red	PR 101	57	8	8	5	5	1.95
RX11	Oxide Violet	PR 101	65	8	8	5	5	2.30
YX10	Oxide Yellow	PY 42	52	8	8	5	5	1.85
YX11	Oxide Orange	PY 42	52	8	8	5	5	1.87
YX12	BiVa Yellow	PY 184	60	8	8	4-5	4-5	2.22
YX13	BiVa Orange	PY 184	64	8	8	4-5	5	2.42
YX14	Zinc Orange	PY 216	50	8	8	5	4-5	2.14
WX11	White	PW 6	65	8	n/a	5	n/a	2.07

Organic pigment

BH3	Blue	PB 15:3	35	8	8	5	4-5	1.22
CH3	Black Strong	PBk 7	29	8	8	5	5	1.33
CH9	Black	PBk 7	17	8	8	5	5	1.26
GH3	Green	PG 7	31	8	8	5	4-5	1.38
MH3	Magenta	PR 122	19	7	7-8	4	4-5	1.21
OH3	Orange Yellow	PY 110	30	7	8	4-5	5	1.33
OH4	Orange	PO 67	36	8	6-7	4-5	3	1.32
OM3	Orange	PO 74	13	7-8	6-7	4	3-4	1.37
OS3	Orange Yellow	PY 170	34	8	7-8	4-5	4	1.18
RH3	Red	PR 112	31	8	6	4-5	3	1.31
RH6	Red	PR 254	36	8	8	4-5	4	1.35
RM3	Orange Red	PR 168	20	8	8	5	4-5	1.21
VH3	Violet	PV 23	8	8	8	5	4	1.40
YH10	Orange Yellow	PY 83	39	7-8	6-7	4	3	1.20
YM4	Yellow	PY 74	26	7-8	6-7	4-5	3	1.34
YS3	Yellow	PY 154	33	8	8	5	5	1.19

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⁾ 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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