

ECOTINT® Smart

POS Colorants for Decorative Paints and Plasters

Application

ECOTINT® Smart contains 12 colorants suitable for all types of water based paints, oil alkyds, and wood stains for interior and exterior applications. **ECOTINT® Smart** also offers a Façade supplement with 4 Inorganic colorants for Exterior paints and plasters.

Key Benefits

• Low Refill cost

Smartly selected colorants of low item price offer an excellent balance of a very competitive refilling cost and technical performance. Less capital is needed to introduce/support **ECOTINT® Smart** in the market.

• Exterior Durability

High performance automotive grades of red R2 (PR 254) and yellow Y3 (PY 155) colorants, offer excellent light fastness and weather resistance in the sensitive area of red, yellow and orange colors.

• Color spectrum

ECOTINT® Smart offers a broad coverage of the color spectrum without color gaps due to a careful selection of the 12 core colorants. It is the ideal replacement of many old systems in the market containing APEO & VOC with very low color strength, missing the complete assortment of blue, green, orange and violet shades.

• Cost efficient color formulations

ECOTINT® Smart reduces significantly the coloration cost compared to old tinting systems especially when medium to high saturated colors are required, due to optimized tinting strength properties.

• Façade Supplement

A supplement of 4 inorganic colorants (PY 184, PB 28, PG 17 & IR Black) highly resistant against UV radiation, alkali and acids extends the product application area while maintaining a low installation and operational cost. Apart from the 3 inorganic colorants it contains an innovative IR Black that replaces carbon black. This enables the production of medium to strong grey colors that achieve less heat absorption compared to conventional colorants by increasing the Total Solar Reflection (TSR) of the colors.

• Canisters stability

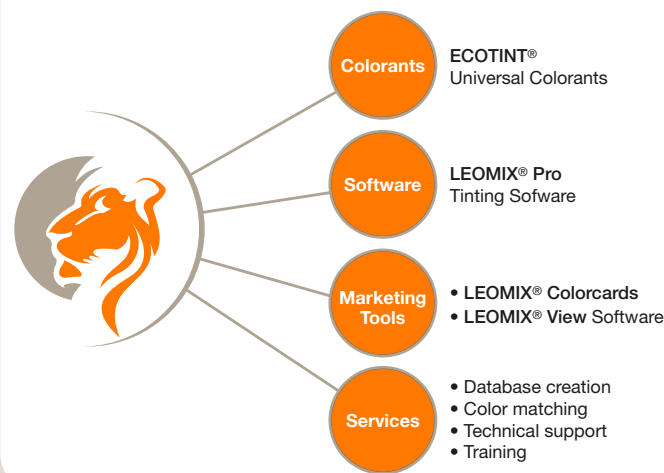
ECOTINT® Smart colorants have been tested and approved in the most extreme climatic conditions (tropical climates, deserts and cold zones) exhibiting outstanding long term stability and excellent resistance to drying out.

• VOC content < 1g/l

ECOTINT® Smart colorants are environment friendly with a low VOC content, typically < 1 g/l in accordance with the latest environmental requirements.



LEONICE POS Coloring System



ECOTINT® Smart colorants combined with LEOMIX® PRO software and LEOMIX® Fandecks create a distinct Tinting system which enables paint producers to achieve the highest performance of their products and differentiate them from competition providing:

- Low installation and operational cost
- High commercial margins
- Differentiation from competition
- Added value to flagship products
- Inspiration for Innovative products

Services

Our team of Chemists, Chemical Engineers and IT Engineers based on our state of the art 600 m² laboratories offer a full range of services to meet specific requirements of the individual paint manufacturer:

- Ensure colorant and base paint compatibility
- Color matching and Database creation
- Software design and customization
- Accelerated or natural weather testing
- Total Solar Reflection (TSR) measurements
- Training

ECOTINT® Cool formulation technology, a unique worldwide novelty, enables the production of medium strong to very dark colors with very high Total Solar Reflection (TSR). All colors included in Leomix 260 fandeck, can be produced at high TSR values.

This does not only extends the lifetime of façade paints and plasters but also contributes to a more efficient use of resources. Hence it is a tool to impact sustainability.

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POS Colorants for Decorative Paints and Plasters



ECOTINT® Smart is a precise selection of 12 tinting colorants including high performance Red, Yellow & Orange colorants offering maximum exterior durability and complete coverage of the color spectrum with minimized refilling cost resulting in a very economic tinting system.

COLOR	CODE	Color Index	Pigment Content* in %	Weathering Fastness*		Light Fastness*	
				S-MT	1/25 SD	S-MT	1/25 SD
YELLOW	Y3	PY 155	20	4-5	4-5	7-8	7-8
BRIGHT RED	R2	PR 254	25	4-5	4	7-8	7
ORANGE	O1	PO 73	18	5	5	8	8
YELLOW	Y2	PY 74	28	4	3	7	6-7
MAGENTA	M1	PR 122	19	4-5	4	7-8	7
VIOLET	V1	PV 23	5	5	4	7-8	7
BLUE	B1	PB 15:3	25	5	4-5	8	8
GREEN	G1	PG 7	18	5	4-5	8	8
BLACK	S1	PBk 7	14	5	5	8	8
YELLOW OXIDE	Y1	PY 42	65	5	5	8	8
RED OXIDE	R1	PR 101	58	5	5	8	8
WHITE	W1	PW 6	60	5	n/a	8	n/a

Façade supplement

BIVA YELLOW	Y4	PY 184	46	5	5	8	8
COBALT BLUE	B5	PB 28	49	5	5	8	8
GREEN OXIDE	G5	PG 17	58	5	5	8	8
BLACK	S3	Special IR Mixture	58	5	5	8	8

T0 supplement

YELLOW OXIDE	TY	PY 42	28	5	5	8	8
RED OXIDE	TR	PY 101	30	5	5	8	8

* These values should only be used as guidelines

ECOTINT® Smart application areas



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