

Ecotint® colorants

The **Ecotint®** are binder and **solvent-free** pigment preparations of pourable and pumpable consistency based on copolymer and polymeric dispersing agents .

The **Ecotint®** are free from nonylphenol ethoxylates and glycol ethers.

The **Ecotint®** fulfils the requirements in accordance with the VOC- Directive 2004/42/CE , EU Ecolabel Decision 2002/739/EC, Blaue Engel (Germany) RAL-UZ 12a & 102 and NF (France) 376 .

The **Ecotint®** are resistant to drying out and suitable to be used either for **In Plant Tinting** or for **Dosing dispensers** .

The composition and manufacturing of each product allow them to be miscible in all proportions with each other and to be used either by unit of **weight** or by unit of **volume** .



Ecotint® colorants

New generation of Tinting Pastes

- VOC free universal pastes - do not require any labeling in accordance with the latest EU Directives
- High pigment concentration - pourable and pumpable consistency - resistant to drying out
- The **Ecotint** are based on the best pigment selection offering highest ratio :

















Fastness properties / Cost of coloration / Maximum opacity
with reduced N° of bases → **TR , D , P**

Main field of applications

- Water based emulsion paints
- Façade silicate & lime paints
- Plasters
- Solvent based alkyd paints
- Industrial systems : W-B/PU



Core range : Properties

REFERENCES	Semi-Mass Tone	Colour index	Pigment Class	Density	Weathering fastness		Light fastness	
					S-MT	1/25 SD	S-MT	1/25 SD
Yellow A1-Y		PY154	Benzimidazolone	1.18	5	5	8	8
Orange A2-O		PO73	Diketo-Pyrrolo-Pyrrole	1.18	5	4	8	8
Red A3-R		PR254	Diketo-Pyrrolo-Pyrrole	1.19	5	4	8	8
Pink A4-P		PR122	Quinacridone	1.10	5	4-5	8	7-8
Violet A5-V		PV23	Dioxazine	1.16	4-5	4	7-8	7
Oxide Green A6-GO		PG17	Oxide Green	2.00	5	5	8	8
Yellow B1-Y		PY74	Monoazo	1.18	4-5	3	7-8	6-7
Oxide Yellow B2-YO		PY42	Iron oxide Yellow	1.80	5	5	8	8
Oxide Red B3-RO		PR101	Iron oxide Red	2.12	5	5	8	8
Blue B4-B		PB15:3	CU phtalo. Blue	1.20	5	5	8	8
Green B5-G		PG7	CU phthalo Green	1.30	5	5	8	8
Oxide White B6-WO		PW6	TiO2 Rutile	2.05	5	5	8	8
Black B7-SO		PBk7	Carbon Black	1.18	5	5	8	8
Oxide Blue C1-BO		PB28	Oxide Blue	1.75	5	5	8	8
Oxide Yellow C2-YO		PY184	Oxide Yellow	2.16	5	5	8	8
Red E2-R		PR112	Naphthol AS	1.19	4-5	3	6-7	6

The weathering fastness tests have been carried out in a film forming resin system (PVC:40%). Assessment after 12 months open-air weathering (Mediterranean climate) compared with the 5-level ISO GreyScale for Assessing Change in Colour, for semi-mass tone and a 1/25 standard depth.



Ecotint® specific supplement

Additional HP & façade : Properties

REFERENCES	Semi-Mass Tone	Colour index	Pigment Class	Density	Weathering fastness		Light fastness	
					S-MT	1/25 SD	S-MT	1/25 SD
Orange A3-O		PO74	Monoazo	1.19	5	4	8	7
Scarlet A2-R		PR168	Anthanthrone	1.20	5	5	8	8
Oxide Orange B2-OO		PY 42	Iron oxide Orange	1.75	5	5	8	8
BiVa Orange C2-OO		PY184	BiVa Orange	2.30	5	5	8	8

The weathering fastness tests have been carried out in a film forming resin system (PVC:40%). Assessment after 12 months open-air weathering (Mediterranean climate) compared with the 5-level ISO GreyScale for Assessing Change in Colour, for semi-mass tone and a 1/25 standard depth.



Composition

REFERENCES	Nr	Colour index	Density	Pigment Content approx. %
Yellow A1-Y	1	PY154	1.18	36
Orange A2-O	2	PO73	1.18	40
Red A3-R	3	PR254	1.19	40
Pink A4-P	4	PR122	1.10	30
Violet A5-V	5	PV23	1.16	20
Oxide Green A6-GO	6	PG17	2.00	65
Yellow B1-Y	7	PY74	1.18	46
Oxide Yellow B2-YO	8	PY42	1.80	65
Oxide Red B3-RO	9	PR101	2.12	66
Blue B4-B	10	PB15:3	1.20	45
Green B5-G	11	PG7	1.30	45
Oxide White B6-WO	12	PW6	2.05	70
Black B7-SO	13	PBk7	1.18	30
Oxide Blue C1-BO	14	PB28	1.75	60
Oxide Yellow C2-YO	15	PY184	2.16	70
Red E2-R	16	PR112	1.19	45
specific supplement				
Orange A3-O	2/2	PO74	1.19	40
Scarlet A2-R	3/2	PR168	1.20	20
BiVa Orange C2-OO	16/1	PY184	2.30	70
Oxide Orange B2-OO	16/2	PY 42	1.75	65

Important Notice

Ecotint® grades have been developed to achieve optimum fastness properties , covering power and pigment concentration .

Specifically for use in **exterior coatings** , select the appropriated pigment pastes .

The selection criteria are :

1. Market quality requirements
2. Type of paint systems
3. Weather fastness property of the pigment paste (depending on the saturation level of the shade)

We recommend to use mainly **Ecotint®** Oxide grades - references with 3 letters & 1 digit - in pure silicate and silicate emulsion paints due to high pH in wet phase and lack of protection of the pigment by a film forming system . (ex. Oxide blue C1-BO , Oxide yellow C2-YO)

By similarity, we recommend as well **Ecotint®** Oxide grades in silicone resin systems due to high permeability of the paint film .



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