



# Versacol™

Versacol®™ technical documentation, ed.1, 2015

## **Versacol®™ universal Tinting Machine colorants**

**Versacol®™** are binder and solvent-free universal colorants of pourable and pumpable consistency based on copolymer and polymeric dispersing agents.

**Versacol®™** are free from nonylphenol ethoxylates and glycol ethers.

**Versacol®™** selection of specific colorants provides an outstanding colour system as well as an economical choice for interior paints.

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

### **Main field of applications :**




- Water based emulsion paints
- Plasters
- Solvent based alkyd paints
- Industrial systems : W-B/PU

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**.

## Technical Data Sheet

REFERENCES VERSACOL® TM	Semi-Mass Tone	Colour index	Pigment Class	Density	Pigment Content %	Weathering fastness		Light fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
TM Yellow A1-Y		PY154	Benzimidazolone	1.18	36	5	5	8	8
TM Orange A2-O		PO73	Diketo-Pyrrolo- Pyrrole	1.18	40	5	4	8	8
TM Red A3-R		PR254	Diketo-Pyrrolo- Pyrrole	1.19	40	5	4	8	8
TM Pink A4-P		PR122	Quinacridone	1.10	30	5	4-5	8	7-8
TM Violet A5-V		PV23	Dioxazine	1.16	20	4-5	4	7-8	7
TM Oxide Green A6-GO		PG17	Oxide Green	2.00	65	5	5	8	8
TM Yellow B1-Y		PY74	Monoazo	1.18	46	4-5	3	7-8	6-7
TM Oxide Yellow B2-YO		PY42	Iron oxide Yellow	1.80	65	5	5	8	8
TM Oxide Red B3-RO		PR101	Iron oxide Red	2.12	66	5	5	8	8
TM Blue B4-B		PB15:3	CU Phtalo. Blue	1.20	45	5	5	8	8
TM Green B5-G		PG7	CU Phtalo. Green	1.30	45	5	5	8	8
TM Oxide White B6-WO		PW6	TiO2 Rutile	2.05	70	5	5	8	8
TM Black B7-SO		PBk7	Carbon Black	1.18	30	5	5	8	8
TM Oxide Blue C1-BO		PB28	Oxide Blue	1.75	60	5	5	8	8
TM Oxide Yellow C2-YO		PY184	Oxide Yellow	2.16	70	5	5	8	8
TM Red E2-R		PR112	Naphthol AS	1.19	45	4-5	3	6-7	6

## Technical Data Sheet specific supplement

REFERENCES <b>VERSACOL® TM</b>	Semi-Mass Tone	Colour index	Pigment Class	Density	Pigment Content %	Weathering fastness		Light fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
<b>TM Scarlet A2-R</b>		PR168	Anthanthrone	1.20	20	5	5	8	8
<b>TM Ultramarine Blue B8-BO</b>		PB29	Ultramarine	1.44	58	4-5	4-5	8	8
<b>TM Oxide Black B9-SO</b>		PBk11	Iron oxide	1.70	58	5	5	8	8

### Important Notice

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

Specifically when used in **exterior coatings**, select the appropriate 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 **Versacol® TM** 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. TM Oxide Blue C1-BO, TM Oxide Yellow C2-YO)

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



## Support

Technical service laboratory of Ceac AG performs technical study on customer's paints, colour matching and build up colour databases with Versacol® TM colorants as ready to use package.

Versacol® TM colorants combined with our BCO Pro software enables our customers to achieve the highest performance of their products at the optimum cost and minimum of time.

Ceac AG staff & local representative offices will support our customers in selecting the most appropriate colour cards and Versacol® TM colorants for their products and applications.

More than 20 years of knowledge in colorant technology, IT development and paints technology allows us to give optimum service to our customers.

Outstanding technology in the field of colorants allows us to upgrade existing customers tinting systems with minimum effort and delay.

Our unique concept of service proposes you the most appropriate colorant selection combined with our **BCO Pro** or **ADP** software that can be used on any type of Tinting machines for POS but also for In Plant Tinting.

## Ceac AG contacts

Ceac AG operates through its affiliated companies and via a network of distributors and agents in more than 30 countries.

For the list of our agents & distributors please consult Ceac AG website.

[www.ceac-colours.com](http://www.ceac-colours.com)