



Versacol DC

Versacol® DC technical documentation, ed.3, 2016 VN

Versacol® DC Universal colorants

Versacol® DC is a range of universal Decorative -VOC Free colorants suitable for the coloration on volumetric or gravimetric dispensing machines and for In-Plant Tinting Systems.

Versacol® DC is a selection of very efficient colorants to reproduce easily the most popular colours in the decorative paint market for exterior as well as interior paints.













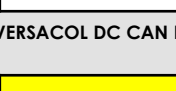

Main field of applications :

- Water based emulsion paints
- Façade & Plasters : mineral, synthetic resin systems
- Solvent based alkyd paints, Epoxy, PU1K, Polyester(unsaturated)
- Wood stains



Versacol® DC are resistant to drying out and the composition of each product allows them to be miscible in all proportions with each others.

Technical Data Sheet

Classic range 14 + 2 inorganic façade

References	Semi-Mass Tone	Chemical Structure	Colour Index	Density	Pigment Content %	Weathering Fastness		Light Fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
Yellow DC Y55A		Disazo	PY155	1.13	35	5	4-5	8	7
Yellow DC Y74S		Monoazo	PY74	1.16	38	4-5	3	7	6-7
Oxide Yellow DC Y42A •		Iron oxide Yellow	PY42	1.55	55	5	5	8	8
Orange DC O74S		Monoazo	PO74	1.19	40	5	4	7-8	7
Red AD R54A (*)		DPP	PR254	1.20	35	5	4	8	8
Red AD R12I (*)		Naphtol	PR112	1,19	45	4-5	3	6-7	6
Oxide Red DC R01A •		Iron oxide Red	PR101	1.78	60	5	5	8	8
Magenta DC R22A		Quinacrid one	PR122	1.12	27	5	4	8	7-8
Violet DC V23A		Dioxazine	PV23	1.14	20	4-5	4	8	7-8
Blue DC B15A		CU Blue phthalo	PB15:3	1.17	30	5	5	8	8
Green DC G07A		CU Green phthalo	PG7	1.21	30	5	5	8	8
Oxide Green DC G17A •		Chrome Ox. Green	PG17	2.00	65	5	5	8	8
Black DC B07A •		Carbon Black	PBk7	1.20	25	5	5	8	8
White DC W06A •		TiO2 Rutile	PW6	1.71	60	5	5	8	8

2 INORGANIC VERSACOL DC CAN BE ADDED TO THE STANDARD 14 ABOVE VERSACOL DC-HP to ACHIVE BRIGHT and PURE SHADES for FACADE applications

BiVa Yellow DC Y84F (*)		Bismuth Vanadate	PY184	2.07	67	5	5	8	8
Oxide Blue DC B28F (*)		Co / Al	PB28	1.74	60	5	5	8	8

• Inorganic colorant for neutral applications : exterior & interior


Legend : (*) colorant that can be substituted and replaced by specific supplements

Technical Data Sheet





Versacol® specific colorants supplement for whitening paint effect

Codification :




OPB = Optical Brightner - Its unique composition shows a whitening effect even at very low concentrations allowing a high quality appearance to the white paint.

References	Semi-Mass Tone	Application	Colour index	Density	Pigment Content %	Weathering Fastness		Light fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
Optical Brightner OPB		Exterior & Interior To be used in white paint	Mix of Pigments	1.35	-	5	5	8	8

Specific supplements to be added or substituted to the STD system

References Versacol DC	Semi-Mass Tone	Chemical Structure	Colour Index	Density	Pigment Content %	Weathering Fastness		Light Fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
Red DC R68P (*)		Anthanthrone	PR168	1.20	25	5	5	8	8
Red DC R53S (*)		Monoazo	PR253	1.15	35	4-5	3-4	7-8	7
Yellow DC Y97P (*)		Monoazo	PY97	1.15	30	5	4-5	7-8	7
Oxide Brown DC UMBA (*)		Mix Inorganic pigments	Inorg. mix	1.50	35	5	5	8	8

Specific selection for wood stains

References	Semi-Mass Tone	Chemical Structure	Colour Index	Density	Pigment Content %	Weathering Fastness		Light Fastness	
						S-MT	1/25 SD	S-MT	1/25 SD
Ox. Yellow Tr. DC Y42T		Transparent Iron Oxide Yellow	PY42	1.20	—	5	5	8	8
Ox. Red Tr. DC R01T		Transparent Iron Oxide Red	PR101	1.27	—	5	5	8	8
Oxi. Black DC B11A		Iron Oxide	PBk11	1.74	58	5	5	8	8



Support

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

Versacol® DC 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® DC colorants for their products and applications.

More than 20 years 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 Ceac AG to upgrade existing customers tinting systems with minimum effort and delay.

Concept & Modular colour systems

More and more a colour card is an essential tool to promote paints but also product characteristics. Ceac AG has paid a lot of efforts with the Versacol® DC range in developing marketing concepts of Colour Systems & Colour cards as modular approach to propose adequate systems for all kind of markets and applications.

Ceac 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