

# ECOLOGICAL UNIVERSAL (ECO-U)

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The universal ECO-pastes combine the liquid tinting technology with the latest requirements of the Ecolabels regarding biocide-free products. Pigments already proven on the market have been substituted in the proportion 1:1 with preservative-free pigments. A particular characteristic of the pastes is their compatibility with common binders like pure acrylate and polyurethane and special binders like polyvinyl acetate, two-component systems and alkyds. In addition, they always offer good light stability and weather resistance both in the exterior and in the interior. Regular tests for contaminants, impurities and germs in the production environment are an integral part of our effective hygiene management. The “drop-in-solution” is continuously tested in our microbiological test laboratory to guarantee that our customers can rely on the usual high DÖRKEN quality standards.

## SPECIAL FEATURES

- › universally applicable in water-based and solvent containing coating systems
- › highly compatible with other products
- › standard shaker times from 1 to 3 minutes
- › low VOC and SVOC values
- › plug-and-use concepts for existing mixing systems
- › excellent hygiene management and regular microbiological tests

# SPECIFICATIONS

	92.5% : 7.5% transparent basic material 96% : 4% full white basic material 99.5% : 0.5% full white basic material			Color	Color Index	Pigment content	Density (g/ml)*	BFS Data Sheet 26**	Light stability tinted product**	Weather resistance tinted product***	Alkali resistance tinted product***	Acid resistance
VP 0886				WHITE	PW 6	ca. 60	2,08-2,16	1	8	8	5	5
VP 0890				BLACK (LC)	PBk 7	ca. 12	1,26-1,32	2	8	5	5	5
VP 0937				BLACK OXIDE	PBk 33	ca. 39	1,78-1,89	3	8	5	5	5
VP 0949				BLUE R	PB 15:2	ca. 34	1,21-1,27	2	8	4-5	5	5
VP 0916				GREEN	PG 7	ca. 15	1,30-1,36	2	8	4-5	5	5
VP 0932				GREEN OXIDE	PG 17	ca. 63	2,17-2,24	2	8	4-5	5	5
VP 0939				BISMUTH	PY 184	ca. 58	1,85-1,93	1	8	5	5	4-5
VP 0928				YELLOW	PY 74	ca. 44	1,20-1,26	2	6-7	3	5	5
VP 0953				YELLOW OXIDE	PY 42	ca. 59	1,85-2,01	4	8	5	5	5
VP 0912				YELLOW OXIDE TR.	PY 42	ca. 28	1,26-1,32	1	8	5	x	x
VP 0891				RED	PR 254	ca. 40	1,30-1,36	3	8	4	5	5
VP 0938				RED OXIDE Y	PR 101	ca. 61	2,01-2,09	1	8	5	5	5
VP 0913				RED OXIDE TR.	PR 101	ca. 25	1,27-1,33	1	8	5	x	x
VP 0943				MAGENTA	PR 122	ca. 18	1,14-1,20	1	7-8	4-5	5	5
VP 0915				ORANGE Y	PY 170	ca. 40	1,17-1,23	1	8	4	5	5

\* Density according to DIN EN ISO 2811-3 (oscillation method).

\*\* BFS Data Sheet 26 informs about color changes that could occur on the façade.

\*\*\* Light stability/Weather resistance: the information is based on the pigment producers' data.

Full shade: 92.5% transparent basic material with 7.5% pigment paste

Medium mixture: 96% full white basic material with 4% pigment paste

Light mixture: 99.5% full white basic material with 0.5% pigment paste

VP: ongoing conformity tests to fulfil the preservative-free standards.

