

# ECOLOGICAL UNIVERSAL (ECO-U)

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The universal ECO-pastes combine the liquid tinting technology with the latest requirements of the environmental standards 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 lightfastness 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

- › 16 universal pigment pastes, suitable for use in water-based and solvent-based coating systems
- › highly compatible with other products
- › standard shaker times from 1 to 3 minutes
- › plug-and-use concepts for existing mixing systems
- › excellent hygiene management and regular microbiological tests
- › suitable for certified tinting in accordance with leading environmental standards
- › meets the requirements of leading environmental standards with regard to preservative-free content, low VOC/SVOC values and general material requirements

## SPECIFICATIONS

Color	92.5% : 7.5% transparent basic material	96% : 4% full white basic material	99.5% : 0.5% full white basic material	Color Index	Pigment content	Density (g/ml)*	BFS Data Sheet 26**	Lightfastness tinted product***	Weather resistance tinted product***	Alkali resistance	Acid resistance
111				WHITE	PW 6	ca. 60	1,97-2,07	1	8	8	5
125	■■■	■■■	■■■	BLACK (LC)	PBk 7	ca. 11	1,26-1,32	2	8	5	5
592	■■■	■■■	■■■	BLACK OXIDE	PBk 33	ca. 40	1,78-1,89	1	8	5	5
121	■■■	■■■	■■■	BLUE R	PB 15:2	ca. 35	1,15-1,21	2	8	5	5
123	■■■	■■■	■■■	GREEN	PG 7	ca. 15	1,23-1,29	2	8	5	5
124	■■■	■■■	■■■	GREEN OXIDE	PG 17	ca. 65	2,17-2,24	1	8	4-5	5
112	■■■	■■■	■■■	YELLOW BIVA G	PY 184	ca. 58	1,99-2,09	1	8	4-5	5
502	■■■	■■■	■■■	YELLOW	PY 151	ca. 27	1,17-1,23	3	7-8	4-5	4-5
133	■■■	■■■	■■■	YELLOW	PY 74	ca. 42	1,17-1,22	4	6-7	3	4-5
500	■■■	■■■	■■■	YELLOW OXIDE	PY 42	ca. 59	1,85-2,01	1	8	5	5
115	■■■	■■■	■■■	ORANGE Y	PY 170	ca. 36	1,17-1,23	3	7-8	4	5
117	■■■	■■■	■■■	RED	PR 254	ca. 41	1,20-1,26	2	8	4	5
138	■■■	■■■	■■■	RED OXIDE B	PR 101	ca. 61	2,10-2,22	1	8	5	5
119	■■■	■■■	■■■	RED VIOLET	PR122/PV23	ca. 17	1,06-1,12	3	7-8	4-5	5
114	■■■	■■■	■■■	YELLOW OXIDE TR.	PY 42	ca. 29	1,26-1,32	1	8	5	5
118	■■■	■■■	■■■	RED OXIDE TR.	PR 101	ca. 25	1,27-1,33	1	8	5	5

The ECO-UNIVERSAL configuration can be supplemented with the following ECO-AQUA pastes:

262	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■
274	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■
278	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■	■■■

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

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

\*\*\* Lightfastness/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



PRESERVATIVE FREE