

# UNIVERSAL

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DÖRKEN® UNIVERSAL is the best solution for water-based and solvent containing coating systems. Thanks to their wide range of applications, the pastes always satisfy, offering maximum flexibility within the tinting concept.

In addition to very colorful organic pigments DÖRKEN® UNIVERSAL uses a large number of inorganic pigments thus providing you with an ideal choice and infinite composition options for every intended use. This product line of pastes offers an extensive range of colors regardless of the mixing system used, for example for acrylate, alkyd and silicate systems. This means you can achieve optimal results even on a 16-piece mixing system, these results can also be obtained using larger mixing plants.

## SPECIAL FEATURES

- › compatible with solvent containing and water-based systems
- › high coverage even when adding less than 7% of paste to transparent basic products
- › suitable for in-plant and Point of Sale tinting for a holistic application in the company
- › perfect for polyurethane, silicate, polyvinyl acetate and acrylate systems
- › the ideal combination of very colorful organic pigments and selected inorganic pigments for a wide range of applications
- › high light stability according to BFS data sheet 26

# SPECIFICATIONS

94.2% : 5.8% transparent basic material			93% : 7% full white basic material			98.6% : 1.4% 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		Acid resistance	
X	111			WHITE	PW 6	ca. 60	1,97-2,07	1	8	8	5	5				
X	125			BLACK (LC)	PBk 7	ca. 12	1,26-1,32	2	8	5	5	5				
	145			BLACK (MC)	PBk 7	ca. 22	1,13-1,19	2	8	5	5	5				
X	592			BLACK OXIDE	PBk 33	ca. 39	1,78-1,89	1	8	5	5	5				
	119			RED VIOLET	PR 122/ PV 23	ca. 18	1,06-1,12	3	7-8	4-5	5	5				
X	121			BLUE R	PB 15:2	ca. 33	1,15-1,21	2	8	5	5	5				
	142			ULTRAMARINE BLUE	PB 29	ca. 47	1,40-1,48	1	8	5	5	4-5				
	144			TURQUOISE COBALT	PB 28	ca. 45	1,61-1,69	1	8	5	5	5				
X	123			GREEN	PG 7	ca. 15	1,23-1,29	2	8	5	5	5				
X	124			GREEN OXIDE	PG 17	ca. 63	2,17-2,24	1	8	4-5	5	5				
X	112			YELLOW BIVA G	PY 184	ca. 58	1,99-2,09	1	8	4-5	5	4-5				
	502			YELLOW	PY 154	ca. 39	1,17-1,23	2	8	5	5	5				
X	133			YELLOW	PY 74	ca. 44	1,17-1,22	4	6-7	3	4-5	4-5				
X	500			YELLOW OXIDE	PY 42	ca. 59	1,85-2,01	1	8	5	5	5				
X	115			ORANGE Y	PY 170	ca. 40	1,17-1,23	2	8	4	5	5				
	541			RED OXIDE Y	PR 101	ca. 61	2,02-2,15	1	8	5	5	5				
X	117			RED	PR 254	ca. 40	1,20-1,26	2	8	4	5	5				
	138			RED OXIDE B	PR 101	ca. 61	2,12-2,22	1	8	5	5	5				
X	159			MAGENTA	PR 122	ca. 18	1,07-1,11	3	7-8	4-5	5	5				
	120			MAGENTA OXIDE	PV 15	ca. 56	1,49-1,57	1	8	4-5	5	4-5				
X	114			YELLOW OXIDE TRANSP.	PY 42	ca. 28	1,26-1,32	1	8	5	x	x				
X	118			RED OXIDE TRANSP.	PR 101	ca. 25	1,27-1,33	1	8	5	x	x				

\* 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: 94,2% transparent basic material with 5,8% pigment paste  
 Medium mixture: 93% full white basic material with 7% pigment paste  
 Light mixture: 98,6% full white basic material with 1,4% pigment paste

X In the future these pastes will be biocide-free and can be used for certifications according to the Blue-Angel-Regulations (German Ecolabel).