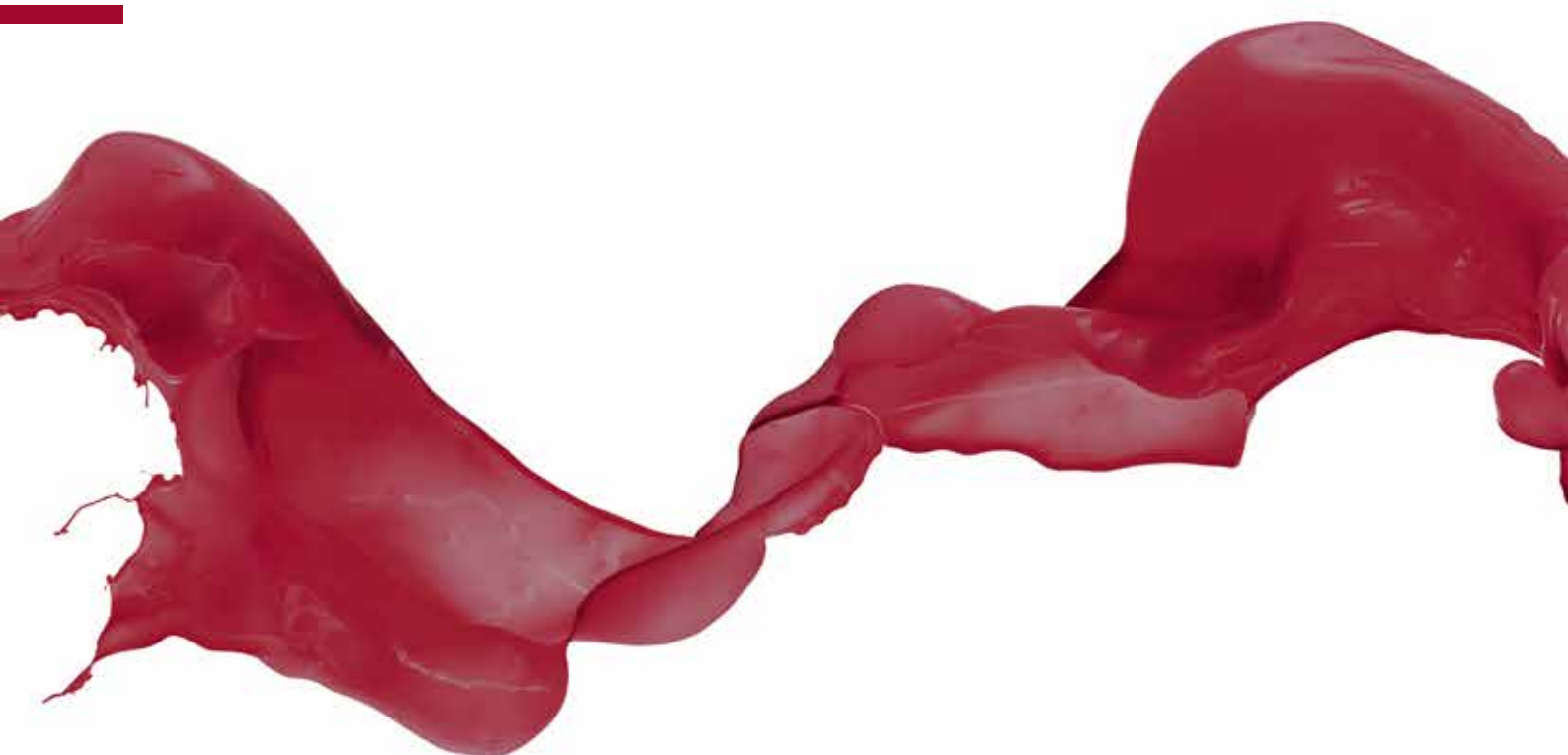


Solvent-free UV-curable Dispersions

for surface coatings



	Parquet / Stairs	Panels	Furniture	MDF	Primers	Flooring	Metal	Plastics	Cork	Glass	Paper	Pigmented Coatings	Dual-Curing with Polyisocyanates	Increase of Reemulsifiability
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ALBERDINGK® UV-Curable Polyester/Polyurethane Dispersions

LUX 220	x	x	x			x	x	x			x	x	x	
LUX 250	x	x	x	x	x			x	x		x	•	x	
LUX 255	x	x	x	x				x			x	x	x	
LUX 260	x	x	x		x		x	x			x	x		x
LUX 265*	x	x	x		x		x	x			x	x		x

ALBERDINGK® UV-Curable Polyurethane/Acrylic Copolymer Dispersions

LUX 286		x	x				x	x				x	x	
LUX 290*	x	x	x	x									x	
LUX 399	•	x	x	x	x			x			x	•		x
LUX 481	x	x	x	x		x	x	x			x	x	x	
LUX 482		x		x			x	x				x	x	
LUX 484	x	x	x	x	x	x		x					x	

	Solids [%]	Viscosity Brookfield [mPas]	pH-Value	MIFFT [°C]	Hardness König [s] before UV-Curing	Hardness König [s] after UV-Curing
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ALBERDINGK® UV-Curable Polyester/Polyurethane Dispersions

LUX 220	34,0 - 36,0	20 - 200	7,0 - 9,0	0	50	180
LUX 250	39,0 - 41,0	10 - 500	6,5 - 8,0	0	20	160
LUX 255	38,0 - 40,0	10 - 500	7,5 - 9,0	0	20	170
LUX 260	39,0 - 41,0	10 - 200	7,0 - 8,5	0	tacky	150
LUX 265*	39,0 - 41,0	10 - 200	7,0 - 8,5	0	tacky	80

ALBERDINGK® UV-Curable Polyurethane/Acrylic Copolymer Dispersions

LUX 286	39,0 - 41,0	10 - 500	7,0 - 8,0	14	40	100
LUX 290*	50,0 - 52,0	200 - 800	7,0 - 9,0	0	slightly tacky	90
LUX 399	44,0 - 46,0	10 - 500	6,5 - 7,5	0	10	110
LUX 481	39,0 - 41,0	10 - 500	7,0 - 8,0	0	25	100
LUX 482	43,0 - 45,0	10 - 500	6,5 - 8,0	0	40	130
LUX 484	36,0 - 38,0	20 - 200	7,0 - 8,5	0	30	140

* new development

ALBERDINGK® UV-Curable Polyester/Polyurethane Dispersions

LUX 220	Outstanding chemical and stain resistance in transparent and pigmented systems, strong physically drying and scratch resistance before UV-curing
LUX 250	Universal UV-dispersion, high scratch resistance, short flash-off time, low rise of wood fibres, good adhesion to plastics, hardelastic, water washable before UV-curing
LUX 255	Universal UV-dispersion for transparent and pigmented coatings, short flash-off time, very good scratch- and chemical resistance, high gloss, hardelastic
LUX 260	Excellent wood warming, film transparency and gloss values, high scratch resistance, high chemical resistance, water washable prior to UV-cure
LUX 265*	Excellent wood warming, film transparency and gloss, very good "filmbody" and scratch resistance, very low yellowing, high chemical resistance, water washable before UV-curing

ALBERDINGK® UV-Curable Polyurethane/Acrylic Copolymer Dispersions

LUX 286	For transparent and pigmented coatings with high chemical resistance, very good adhesion to general plastics, good adhesion to melamine surfaces
LUX 290*	Optimized for long shelf life in formulations, easy to formulate, excellent mechanical properties
LUX 399	Very good wood warming, good reemulsifiability before UV-curing, high blocking resistance, good sandability, good adhesion to different plastics, short flash-off time, high film filling
LUX 481	Very good chemical resistance in transparent and pigmented systems, good adhesion to plastics and 100% UV-systems, higher UV-reactivity than Alberdingk® LUX 286
LUX 482	Very good chemical resistance in transparent and pigmented systems, high film filling, good adhesion, barrier effect against wood ingredients
LUX 484	Very good sandability and adhesion to different substrates, good pore wetting, very hard film prior to UV-cure, high in-can-clarity, hardelastic

Solvent-free UV-curable Dispersions

**Alberdingk® water-based UV-curing
dispersions for high-quality industrial
coatings**

Main applications:

- › furniture
- › parquet
- › plastics
- › wood
- › cork
- › metal
- › glass
- › paper

Customer-specific requirements need individual solutions. Therefore please contact us in any case so that we can both offer advice and support before commencing any development work.

For further information please contact us under:
newproducts@alberdingk-boley.de

Exemption clause:

The aforesaid information is based on our present state of knowledge and shall inform on our products and their application possibilities. It is not intended to assure certain characteristics of the products and their suitability for precise application fields. Please consider possible industrial property rights.



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