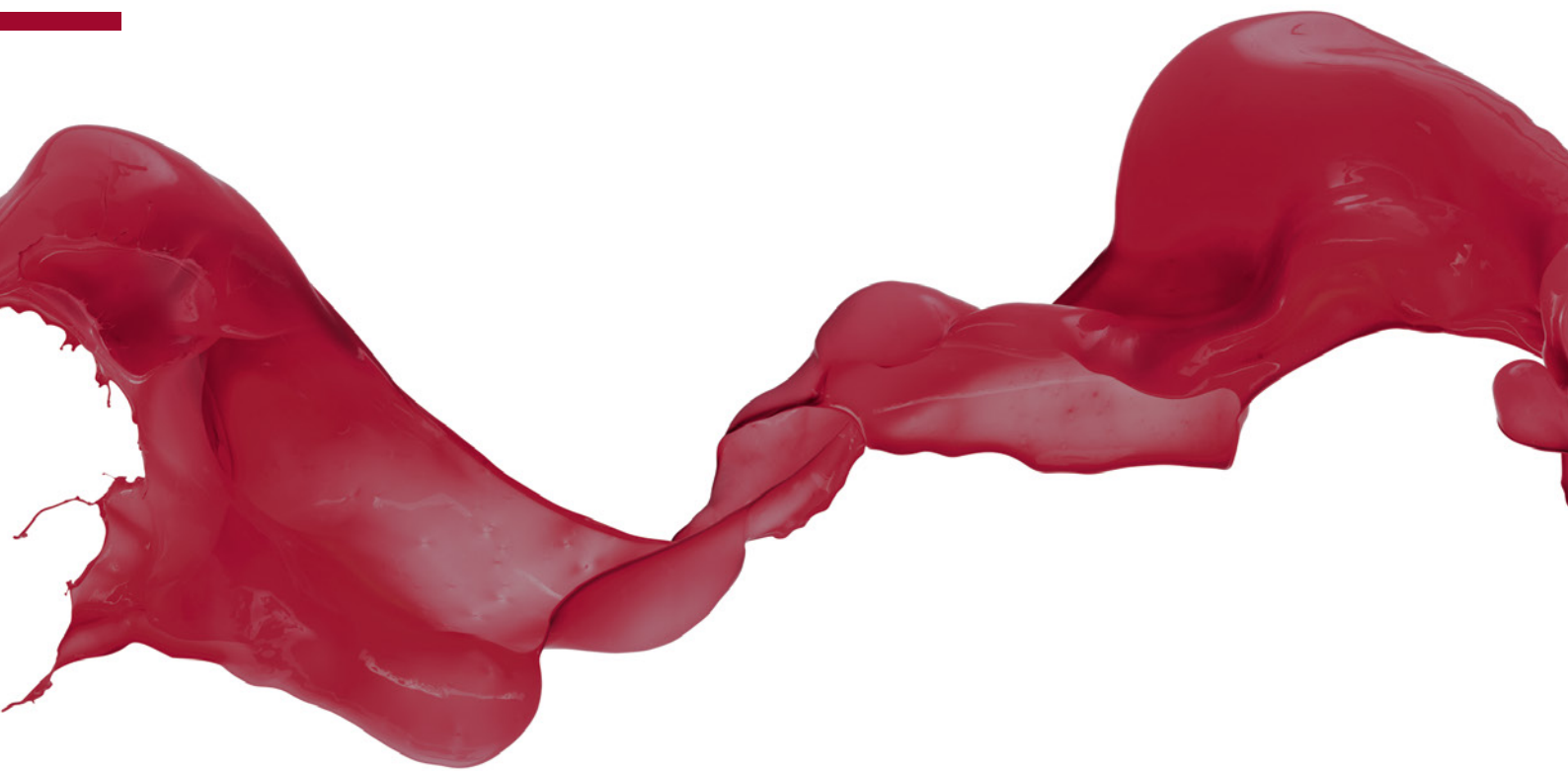


Water-based UV-curable Dispersions

for Surface Coatings



Water-based UV-curable Dispersions

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

Main applications:

- › furniture
- › flooring
- › plastics
- › wood
- › concrete
- › metal
- › glass
- › paper

Customer specific requirements need individual solutions. Please contact us for technical support.

For further information please contact us:

www.alberdingkusa.com

	KCMA	Furniture	Site Applied Flooring	MDF	Exterior Wood Coatings	Primers/Sealers	General Metal Coatings	General Plastic Coatings	Paper	Soft-feel Coatings	Pigmented Coatings	Dual-Curing with Polyisocyanates
--	------	-----------	-----------------------	-----	------------------------	-----------------	------------------------	--------------------------	-------	--------------------	--------------------	----------------------------------

ALBERDINGK® UV-curable Polyester-Polyurethane Dispersions

LUX 220	x	x	x	x			•	x			x	x
LUX 250	x	x	x	x		x		x	x		•	x
LUX 260	x	x	x	x		x	•		x		x	
LUX 1215									x	x		x

ALBERDINGK® UV-curable Polyurethane-Acrylic Copolymer Dispersions

LUX 286	x	x					x	x			x	x
LUX 290	x	x		x		•					•	x
LUX 399	x	x		x		x		x	x		•	
LUX 484	x	x	x		x			x			x	x
LUX 702	x			x			x	x			x	
LUX 722*				x		x					x	
LUX 730*	x	x			x	x					x	
LUX 735								x	x			
LUX 739*	x			x				x			x	
LUX 760*	x	x						x	x		x	

ALBERDINGK® UV-curable Acrylic Dispersions

LUX 515	x	x		x	•	x		x	x			x
---------	---	---	--	---	---	---	--	---	---	--	--	---

x recommended • possible * new development

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness Before Cure (sec)	Koenig Hardness After Cure (sec)
--	------------	-----------------	----------	-----------	-----------------------------------	----------------------------------

ALBERDINGK® UV-curable Polyester-Polyurethane Dispersions

LUX 220	34–36	20–200	7.0–9.0	0	50	180
LUX 250	39–41	10–500	6.5–8.0	0	20	125
LUX 260	39–41	10–200	7.0–8.5	0	5	130
LUX 1215	59–61	500–3000	7.5–8.5	0	15	25

ALBERDINGK® UV-curable Polyurethane-Acrylic Copolymer Dispersions

LUX 286	39–41	10–500	7.0–8.0	14	40	100
LUX 290	29–51	100–800	7.0–9.0	0	tacky	90
LUX 399	44–46	10–500	6.5–7.5	0	5	110
LUX 484	36–38	20–200	7.0–8.5	0	30	95
LUX 702	39–41	10–500	6.5–7.5	0	25	150
LUX 722*	35–37	20–200	7.0–8.5	0	54	193
LUX 730*	38–40	10–200	7.0–8.5	0	60	160
LUX 735	46–48	50–500	7.0–8.5	0	10	20
LUX 739*	41–43	20–200	6.5–7.5	0	18	122
LUX 760*	43–45	20–200	7.0–9.0	0	33	144

ALBERDINGK® UV-curable Acrylic Dispersions

LUX 515	49–51	10–500	6.5–7.5	0	10	89
---------	-------	--------	---------	---	----	----

* new development

ALBERDINGK® UV-curable Polyester-Polyurethane Dispersions

LUX 220	Outstanding chemical and stain resistance in transparent and pigmented systems, excellent scratch resistance in colored systems, hard-elastic
LUX 250	Hard, elastic PU dispersion with excellent chemical, scratch and water resistance, fast water release and low grain raising
LUX 260	Excellent wood warming, film transparency and gloss, superior scratch resistance, good re-emulsifiability before UV curing
LUX 1215	For soft-feel coatings, excellent flexibility, can be further crosslinked with polyisocyanates to create a dual cure coating

ALBERDINGK® UV-curable Polyurethane-Acrylic Copolymer Dispersions

LUX 286	For clear and pigmented coatings with high chemical and stain resistance and very good adhesion to general plastics and metals
LUX 290	Optimized for long formulation shelf life, even at elevated temperature. Good chemical resistance and easy to formulate
LUX 399	Very good wood warming, good re-emulsifiability before UV curing, good sandability, very fast water release, good adhesion to general plastics
LUX 484	Outstanding flexibility, excellent adhesion to multiple substrates, excellent chemical resistance, excellent scratch and mar resistance
LUX 702	Very good chemical resistance in transparent and pigmented systems, high film filling, good adhesion, barrier effect against wood
LUX 722*	Very low cure needed, excellent for dark colors, very good chemical resistance, high hardness in cost effective pigmented systems
LUX 730*	Excellent exterior exposure for any wood usage
LUX 735	Highly flexible, good adhesion for films and plastic
LUX 739*	Cost effective UV-dispersion for furniture lacquers with high film filling, wood warming and chemical resistance, good reemulsifiability before UV-curing
LUX 760*	Outstanding flexibility, excellent adhesion to multiple substrates, excellent chemical resistance, excellent scratch and mar resistance

ALBERDINGK® UV-curable Acrylic Dispersions

LUX 515	Extremely high gloss, very good wood warming, good chemical resistance, good scratch resistance and excellent adhesion
---------	--

* new development

USA

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.



Alberdingk Boley, Inc. | 6008 West Gate City Blvd | Greensboro NC 27407-7009 | USA
Phone +1-336/454-5000 | Fax +1-336/454-5007 | info@alberdingkusa.com
www.alberdingkusa.com

Alberdingk Boley GmbH | Düsseldorf Str. 53 | 47829 Krefeld | Germany
Tel +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de
www.alberdingk-boley.de

Alberdingk Resins (Shenzhen) Co., Ltd. | (West) 1st/2nd Floor | Building D
Huanyu Industrial Park | Xuefu Road | Xingwei | Huangtian | Xixiang
Bao'an District | Shenzhen | Guangdong Province | 518128 | P. R. China
Phone +86-755-29966997 | Fax +86-755-29966700 | info@alberdingkchina.com
www.alberdingkchina.com

