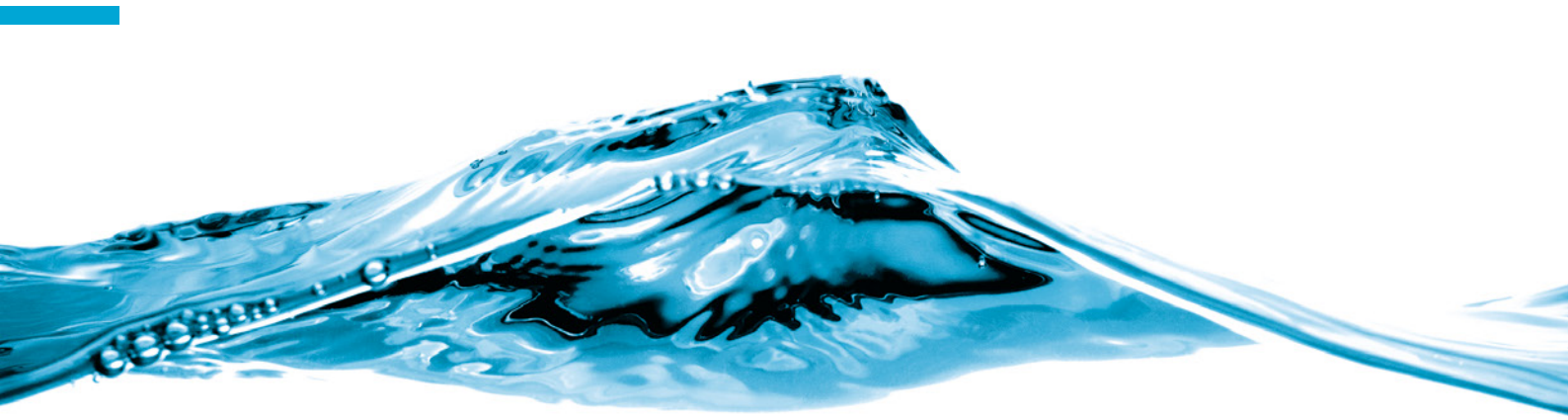


Water-based Polyurethane Dispersions

for Surface Coatings



Water-based Polyurethane Dispersions

Alberdingk water-based polyurethane dispersions are based on polyether, polyester, polycarbonate and natural castor and linseed oil polyols for high quality surface coatings.

Main applications:

- › wood
- › plastics
- › metal
- › textiles
- › leather

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

For further information please contact us:

www.alberdingkusa.com

	Architectural Coatings	Exterior Wood Coatings	DIY Varnishes	Wood Flooring	Sports Flooring	Enamels	Industrial Coatings	Furniture	General Plastics	Automotive Basecoats	Flexible Substrates
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ALBERDINGK® Aliphatic Polyurethane Dispersions

U 410											X
U 615		X	X	X	X			X	X		
U 801	X	X	X	X		X	X				X
U 910			X	X	X	X		X	X		
U 915			X	X	X			X			
U 927				X	X						
U 933			X	X		X		X	X		

	Solids (%)	Solvent (%)	Viscosity (cps)	pH	MFFT (oC)	Koenig Hardness (sec)	Elongation at Break (%)	Type	Neutralization
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ALBERDINGK® Aliphatic Polyurethane Dispersions

U 410	39–41	3.9	20–200	7.0–8.0	–	10	–	PE / PU	4-ethyl morpholine
U 615	38–40	6.5	50–500	7.5–8.5	0	80	250	PC/PU	DMEA
U 801	39–41	5.5	30–200	7.0–8.0	0	80	300	PES/PU	DMEA
U 910	29–31	11.9	30–100	7.5–8.5	0	155	60	PES/PU	TEA
U 915	33–35	10	30–100	7.5–8.5	0	115	–	PES/PC/PU	DMEA/TEA
U 927	32–34	8	30–300	7.5–8.5	0	134	–	PES/PU	TEA
U 933	34–36	10	20–300	7.0–8.5	0	130	160	PC/PU	TEA

ALBERDINGK® Aliphatic Polyurethane Dispersions

U 410	Excellent adhesion to multiple substrates, excellent adhesion promoter
U 615	Excellent flexibility, excellent chemical resistance, excellent abrasion resistance, very good exterior durability, excellent adhesion to multiple substrates
U 801	Excellent chemical resistance, excellent abrasion resistance, excellent block resistance, excellent exterior durability
U 910	Excellent chemical and plasticizer resistance, high surface hardness and gloss potential, excellent adhesion to multiple substrates, and self-crosslinking
U 915	Excellent abrasion resistance, outstanding hardness development, high gloss potential, suitable for 2K wood floor coatings
U 927	Self-crosslinking, aliphatic polyester PU-dispersion for high-performance coatings for wood and plastics, high gloss, excellent hardness and black heel mark resistance
U 933	Excellent surface hardness, chemical resistance and water resistance, high gloss potential with good flexibility, self-crosslinking

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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