

Renewable Polyurethanes

for Surface Coatings



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.



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Renewable Polyurethanes

Alberdingk® renewable polyurethanes are based on 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	Wood Care Products	Wood Furniture	Soft-feel	Automotive Basecoats	Textiles
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ALBERDINGK® Castor Oil Based Aliphatic Polyurethane Dispersions

CUR 21								X		X
CUR 69			X	X	X		X		X	
CUR 99			X	X	X		X		X	
CUR 991			X	X	X		X			

ALBERDINGK® Linseed Oil Based Aliphatic Polyurethane Dispersions

LUR 3	X	X	X				X			
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ALBERDINGK® 100% Solids Linseed Oil Based Polyurethane Resin

OP 100		X				X				
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	Solids (%)	Solvent (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)	Elongation at Break (%)	Type	Neutralization
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ALBERDINGK® Castor Oil Based Aliphatic Polyurethane Dispersions

CUR 21	59–61	0	600–1600	7.5–9.0	0	20	700	CO/PES	TEA
CUR 69	34–36	6.6	50–200	7.5–8.5	0	95	175	CO/PC	TEA
CUR 99	29–31	6.8	20–200	7.0–8.0	0	115	60	CO	TEA
CUR 991	29–31	0	20–100	7.5–8.5	40	85	70	CO	TEA

ALBERDINGK® Linseed Oil Based Aliphatic Polyurethane Dispersions

LUR 3	34–36	0	20–400	7.5–8.5	0	90	–	LO	TEA
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ALBERDINGK® 100% Solids Linseed Oil Based Polyurethane Resin

OP 100	100	0	500–1500	–	–	–	–	–	–
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ALBERDINGK® Castor Oil Based Aliphatic Polyurethane Dispersions

CUR 21	Highly flexible, excellent elongation, soft-feel, solvent-free, low gloss, high solids for use in leather and textile coatings.
CUR 69	Excellent chemical resistance, excellent abrasion resistance, excellent black heel mark resistance, very good wood warmth, for use in 1 component and 2 component floor and furniture coatings.
CUR 99	High gloss potential, excellent surface hardness, for use in high quality 1 component and 2 component floor and furniture coatings.
CUR 991	Good wood warmth, excellent black heel mark resistance, very good abrasion resistance, good in-can clarity.

ALBERDINGK® Linseed Oil Based Aliphatic Polyurethane Dispersions

LUR 3	Physically and/or oxidatively drying, outstanding appearance on wood, very high gloss potential, very good weather resistance, excellent gloss retention.
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ALBERDINGK® 100% Solids Linseed Oil Based Polyurethane Resin

OP 100	100% solids urethane modified polymer based on linseed oil, excellent chemical resistance and mechanical properties compared to standard oils.
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