

VOC-free 100% Polyols/ Waterbased OH-functional Dispersions

for two-pack applications



ALBERDINGK BOLEY

	General Industrial Flooring	Industrial Flooring (High Hardness)	Sports Flooring	Balcony/Terrace Coatings	Roof Coatings	Corrosion Protection /Metal Coatings	Tank and Pipe Coatings	Adhesives	Spray Applications	Pigment Pastes	Industrial Coatings	Plastics	Parquet	Furniture
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ALBERDINGK® Castor Oil-based Polyols

ALBODUR® 901*			X	X	X				X	X				
ALBODUR® 903*			X	X				X	X	X				
ALBODUR® 912*	X		•	•	•	X	X	X	X					
ALBODUR® 921*		X				•	X		X	X	•			
ALBODUR® 980*		X				X	X	X	X		•		•	

ALBERDINGK® Hydroxy-Functional Acrylic Dispersions

AC 31						X					•			X
AC 2592			•	•		X						X		X
AC 27401	X	X	•	•		X					X	•	X	

ALBERDINGK® Hydroxy-Functional Solvent-Free Polyurethane Dispersions

DUR 95*												X	X	X
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	Solids (%)	Viscosity (cps)	pH-Value	OH-Content (%) as supplied	MFFT (oC)	Shore A/D-Hardness**	Elongation at Break** (%)	Tensile Strength** (psi)
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ALBERDINGK® Castor Oil-based Polyols

ALBODUR® 901*	100	800 – 1100	–	5,62	–	89/41	105	1450
ALBODUR® 903*	100	400 – 800	–	4,85	–	63/12	100	435
ALBODUR® 912*	100	800 – 1000	–	6,29	–	97/55	72	2030
ALBODUR® 921*	100	700 – 1000	–	6,62	–	98/65	53	2030
ALBODUR® 980*	83	600 – 800	–	9,64	–	98/80	15	–

ALBERDINGK® Hydroxy-Functional Acrylic Dispersions

AC 31	49 – 51	300 – 2000	7.0 - 8.0	0,94	40	–	–	–
AC 2592	34 – 36	20 – 200	7.5 - 8.5	0,76	0	–	–	–
AC 27401	37 – 39	700 – 2000	7.5 - 8.5	1,8	15	–	–	–

ALBERDINGK® Hydroxy-Functional Solvent-Free Polyurethane Dispersions

DUR 95*	31 – 33	50 – 500	6.0 – 8.0	0,92	0	–	–	–
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* new development

** after cross-linking with polyisocyanate

ALBERDINGK® Castor Oil-based Polyols

ALBODUR® 901*	For elastic coatings, very good workability (e.g. deaeration and self-leveling properties)
ALBODUR® 903*	For elastic coatings, very good workability (e.g. deaeration and self-leveling properties); suitable for cold temperature (< 0°C) environments
ALBODUR® 912*	Medium-hard product with very good chemical resistance, very good workability (e.g. deaeration and self-leveling properties)
ALBODUR® 921*	Very hard product with very good chemical resistance, very good workability (e.g. deaeration and self-leveling properties)
ALBODUR® 980*	Very hard product with very good chemical resistance, very good workability (e.g. deaeration and self-leveling properties), suitable for high solids coatings

ALBERDINGK® Hydroxy-Functional Acrylic Dispersions

AC 31	For single- and two-pack lacquers, weather resistant. Very good stain resistances in clear and pigmented coatings
AC 2592	Extremely soft resin, Tg = -35°C, for "Soft Feel" coatings or as a plasticizer for hard acrylics (e.g. ALBERDINGK® AC 27401)
AC 27401	Excellent chemical resistance, easy-to-clean surface, hot tire resistant

ALBERDINGK® Hydroxy-Functional Solvent-Free Polyurethane Dispersions

DUR 95*	OH-Functional PU-dispersion, very hard, high scratch resistance and very high chemical resistance, good adhesion on difficult substrates, fast curing
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VOC-free 100% Polyols

Albodur® two-pack PU-Polyols based on renewable resources with the proven properties of the polyurethane chemistry, e.g. for flooring coatings

Main applications:

- › decorative concrete flooring
- › industrial sports flooring
- › binders for pigment pastes
- › primer

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

OH-functional Dispersions

Alberdingk® OH-functional dispersions for high-quality two-pack applications

Main applications:

- › industrial flooring
- › plastic coatings
- › exterior coatings
- › easy-to-clean applications
- › softfeel coatings

For further information please contact us:

www.alberdingkusa.com

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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