

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

for two-pack applications



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

	General Industrial Flooring	Sports Flooring	Balcony/Terrace/Roof Coatings	Crackbridging Coatings	Corrosion Protection/ Metal Coatings	Adhesives	Pigment Pastes	Elastomers	Stoving	Plastics	Parquet	Furniture	Topcoats Albodur
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ALBERDINGK® Castor Oil-based Polyols for Aromatic Systems

ALBODUR® 901		X	X	X		X		X					
ALBODUR® 903		X	X	X									
ALBODUR® 904		X	X	X		•		X					
ALBODUR® 912	X	•	•		X	X	•	•					
ALBODUR® 921	X				X	X	X	•					
ALBODUR® 942	X				X	X		X					

Albodur Specialities

ALBODUR® 102						X		X					
ALBODUR® 110		•				X		X					

ALBERDINGK® Castor Oil-based Polyols for Aliphatic Systems

ALBODUR® 942			X	•		X		X					
ALBODUR® 956	X				X	X							
ALBODUR® 965	X		X	•	X	X							
ALBODUR® 1055	X		X		X	X							

ALBERDINGK® Hydroxy-Functional Acrylic Dispersions

AC 31								X				X	
AC 2592		•	•		X				X			X	X
AC 2594	X		•					X	X	X		X	X
AC 2713	X							X				X	
AC 27401	X	•	•		X				•	X			X
AC 3699								X				X	X
AC 3788									X			X	

X recommended • possible * new development

	Solids (%)	Viscosity Hopper (mPas)	Viscosity Brookfield (mPas)	pH-Value	OH-Content (%) as supplied	MFFT (oC)	Shore D-Hardness	Elongation at Break (%)	Tensile Strength (N/mm ²)
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ALBERDINGK® Castor Oil-based Polyols for Aromatic Systems

ALBODUR® 901	100	600			5.62		41	105	10
ALBODUR® 903	100	600			4.85		17	154	5.4
ALBODUR® 904	100	700			6.48		23	217	7.7
ALBODUR® 912	100	600			6.29		44	167	15.4
ALBODUR® 921	100	600			6.62		65	53	14
ALBODUR® 942	100	500			9.64		78	10	46

Albodur Specialities

ALBODUR® 102	100	700			2.70				
ALBODUR® 110	100	300			1.88				

ALBERDINGK® Castor Oil-based Polyols for Aliphatic Systems

ALBODUR® 942	100	500			9.64		26	10	5
ALBODUR® 956	100	2.300			9.24		64	50	16
ALBODUR® 965	100	1.100			8.82		40	110	11
ALBODUR® 1055	100	2000			6.15		40	85	8

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 2594	34–36		20–200	7.5–8.5	0.76	31			
AC 2713	49–51		500–2000	8.0–9.0	0.94	42			
AC 27401	37–39		700–2000	7.5–8.5	1.80	15			
AC 3699	39–41		50–500	7.0–8.0	1.76	40			
AC 3788	47–49		10–500	7.0–9.0	1.10	60			

* new development

ALBERDINGK® Castor Oil-based Polyols for Aromatic Systems

ALBODUR® 901	For elastic floor coatings (e.g. sport flooring)
ALBODUR® 903	For elastic coatings, very good workability; medium flexible
ALBODUR® 904	For very elastic coatings, very good workability (e.g. deaeration and self-leveling properties) at low temperatures
ALBODUR® 912	Medium-hard product with very good chemical resistance; primer for difficult substrates; tank and pipe coatings
ALBODUR® 921	Very hard product with very good chemical resistance, very good workability (e.g. deaeration and self-leveling properties)
ALBODUR® 942	Surface hardness and chemical resistance similar to epoxy; suitable for industrial/decorative floors

Albodur Specialities

ALBODUR® 102	Di-functional hydrophobic for 1- and 2-pack adhesives, suitable for elastomers, adhesives and sealants
ALBODUR® 110	Monofunctional hydrophobic plasticizer replacement for coatings, adhesives and elastomers

ALBERDINGK® Castor Oil-based Polyols for Aliphatic Systems

ALBODUR® 942	Universal usage for MDI- and HDI-curing floor systems; HDI-cured systems suitable for soft decorative floor coatings with very good rollability
ALBODUR® 956	Crosslinkable with aliphatic polyisocyanates for hard surface coatings with good chemical resistance, especially suitable for decorative floor coatings
ALBODUR® 965	Crosslinkable with aliphatic polyisocyanates for hard surface coatings with good chemical resistance, especially suitable for decorative floor coatings
ALBODUR® 1055	Improved UV resistance with crystal clear resin appearance, especially suitable for flooring (decorative & industrial)

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 3788)
AC 2594	Medium hard acrylic dispersion with excellent chemical resistance for various substrates (e.g. wood, plastic & concrete)
AC 2713	Suitable for very high stain resistant coatings with very long pot life
AC 27401	Excellent chemical resistance, easy-to-clean surface, hot tire resistant
AC 3699	Excellent in-can clarity and chemical resistance, rapid hardness development, long open time
AC 3788	Very hard polymer with outstanding chemical resistance

* 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 | Düsseldorfer 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 +86-755-33808666 | Fax +86-755-33800718 | info@alberdingkchina.com
www.alberdingkchina.com

