

Self-crosslinking Acrylate Dispersions

for Surface Coatings



Self-Crosslinking Acrylate Dispersions

Alberdingk® aqueous acrylate dispersions are designed for applications in coatings.

Due to their excellent compatibility, they can also be used in combination with Alberdingk polyurethane dispersions.

Main applications:

- › wood
- › plastics
- › concrete
- › metal

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	Wood Flooring	Wood Floor Primers	Wood Stains/Sealers	High Gloss Enamels	Stain Blocking Primers	Masonry	Metal Coatings	MDF	KCMA	General Plastics	Furniture	Flexible Substrates
--	------------------------	------------------------	---------------	--------------------	---------------------	--------------------	------------------------	---------	----------------	-----	------	------------------	-----------	---------------------

ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025	X	X			X	X					•			•
AC 2305*	X	X			•	X								•
AC 2314		X			X	X		X				X		
AC 2360	X	X			X	X		X	X					
AC 2362*	X	X			X	X		X	•					
AC 2403	X	X				X	X	X	X	•				
AC 2514			X	X	X	X		X		X	X	X	X	
AC 2523	X	X			X	X								
AC 2538	X	X				X								
AC 25142				X	•						•		•	
AC 25381	X				X	X			•		X	X		
AC 2736	X	X			X	X								
AC 2739	X	X				X								
AC 2742	X		X			•					X	X	X	
AC 2772				X	X		X	X						
AC 2782						X					X		X	
AC 3600	X					X		X				•		
AC 3610*	X	•				X								
AC 3626	X					X								
AC 3630						X					X		X	
AC 3635*				X		X					X		X	
AC 3660	X		X	X				X			X		X	
AC 3687	X					X		X			X	•		
Lignocure® 2010		X			X									

X recommended • possible * new development

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)
AC 2025	48–50	500–4000	8.0–9.0	0	40
AC 2305*	48–50	500–4000	8.0–9.0	0	35
AC 2314	44.5–46.5	<1500	7.0–8.0	22	65
AC 2360	46–48	300–3000	7.0–9.0	0	40
AC 2362*	46–48	300–3000	7.0 - 9.0	0	40
AC 2403	46–48	200–2000	8.0–9.0	16	30
AC 2514	42–44	30–300	7.0–8.0	43	110
AC 2523	47–49	500–4000	7.5–8.5	0	46
AC 2538	43–45	10–200	7.0–8.5	0	35
AC 25142	42–44	30–300	7.0 - 8.0	16	80
AC 25381	47–49	2000–8000	7.5–8.5	17	65
AC 2736	39–41	50–2000	8.0–9.0	0	40
AC 2739	44–46	100–1000	7.5–9.0	0	65
AC 2742	47–49	2000–4000	7.5–8.5	45	60
AC 2772	47–49	100–800	4.0–5.0	32	30
AC 2782	47–49	100–700	8.0–9.0	22	45
AC 3600	40–42	20–200	7.5–8.5	0	85
AC 3610*	49–51	500–2000	7.0–8.0	0	57
AC 3626	39–41	50–200	8.0–9.0	45	118
AC 3630	40–42	50–500	8.0–8.5	25	90
AC 3635*	40–42	50–500	7.4–7.7	30	testing
AC 3660	39–41	20–200	8.0–9.0	55	130
AC 3687	40–42	20–200	7.5–8.5	0	90
Lignocure® 2010	32–34	10–200	7.0–9.0	0	–

* new development

ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025	Multiphase dispersion with good adhesion to different substrates, excellent stain and scrub resistance, good flexibility
AC 2305*	Multiphase acrylic suitable for architectural paints with excellent pigment wetting, stain/scrub resistance and very good block resistance.
AC 2314	Good chemical resistance, excellent gloss potential, blush resistance, and surface hardness. Good adhesion to glass.
AC 2360	High gloss potential, very good adhesion to multiple substrates, excellent block resistance, fast dry time, and good exterior durability.
AC 2362*	High gloss potential, very good adhesion to multiple substrates, excellent block resistance, excellent resistance to hand sanitizer and good exterior durability
AC 2403	Outstanding corrosion protection, excellent efflorescence resistance, superior water resistance, excellent water vapor-barrier properties, excellent gloss potential, excellent exterior durability and gloss retention
AC 2514	Excellent surface hardness, excellent hot tire resistance, high gloss potential, excellent chemical resistance (especially to hand lotion), fast dry time
AC 2523	Very good wet adhesion, very good block resistance, excellent exterior durability, high gloss potential, superior water resistance
AC 2538	Very good block resistance, excellent exterior durability, excellent flexibility, very good water resistance
AC 25142	Economic acrylic dispersion with low MFFT, good chemical resistance and low cosolvent demand
AC 25381	Excellent wet adhesion, very good block resistance, high gloss potential, superior water resistance
AC 2736	Economic, acrylic dispersion, with MFFT 0° C, very good block resistance, for low solids wood stains and enamels
AC 2739	Economic, multiphase dispersion, with MFFT 0° C, very good block and water resistance
AC 2742	Excellent chemical and stain resistance, low grain raising, excellent performance in pigmented coatings
AC 2772	Outstanding wood warmth, good block resistance, high gloss potential, low water absorption, look of solvent-based lacquer
AC 2782	Superior block resistance, low water absorption, high gloss potential, excellent chemical resistance
AC 3600	Clear in the can, very good wood warming, extremely fast drying, very good chemical and stain resistance, excellent block resistance, long open time
AC 3610*	High gloss, multiphase pure acrylic dispersion suitable for gloss to semi-gloss paints with excellent chemical resistance, good block resistance in fully tinted clears/neutral/white bases and very good scrub resistance
AC 3626	For high quality gloss paints with excellent levelling and open time, extremely fast blocking resistance and superior resistance against general chemicals and hand fat
AC 3630	Translucent multiphase, dispersion with excellent chemical and scratch resistance, fast-drying, excellent wood warmth and surface hardness
AC 3635*	Translucent multiphase, dispersion with excellent chemical and scratch resistance, excellent wood warmth and surface hardness
AC 3660	Excellent wood warming, good in can clarity, very hard, excellent block resistance, high chemical resistance, hot tire resistant
AC 3687	Translucent multiphase, dispersion with excellent chemical and block resistance, superior hot tire resistance, low VOC capable
Lignocure® 2010	Lignin reactive hydrosol for wood protection, dramatically increases weathering resistance when compared with conventional primers

* new development

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

