

Self-crosslinking Acrylate Dispersions

for Surface Coatings



ALBERDINGK BOLEY

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
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ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025*	x	x			x	x					•			•
AC 2314		x			x	x		x				x		
AC 2360	x				x	x		x	x					
AC 2403	x	•				x		x	x	•				
AC 2514			x	x	x	x		x		x	x	x	x	
AC 2523	x	x			x	x								x
AC 2538	x	x				x								
AC 25381	x	x	x		x	x			•		x	x		
AC 2728			x	x	x	x		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 2773*				x	x								x	
AC 2782						x					x		x	
AC 3630*						x					x		x	
Lignocure 2010		x			x									
MAC 34			•			x		x			x	x	x	

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)
ALBERDINGK® Self-crosslinking Acrylic Copolymers					
AC 2025*	48–50	500–4000	8.0–9.0	0	40
AC 2314	44.5–46.5	200–1500	7.0–8.0	22	65
AC 2360	46–48	300–3000	7.0–9.0	10–20	40
AC 2403	46–48	700–3000	7.0–8.0	10–30	30
AC 2514	42–44	30–300	7.0–8.0	45	110
AC 2523	47–49	500–4000	7.5–8.5	0	45
AC 2538	43–45	10–200	7.0–8.5	8	35
AC 25381	47–49	2000–8000	7.5–8.5	17	65
AC 2728	41–43	30–300	8.0–9.0	47	100
AC 2736*	39–41	50–2000	8.0–9.0	0	40
AC 2739	44–46	1000–6000	7.5–9.0	0	65
AC 2742	47–49	2000–4000	7.5–8.5	45	60
AC 2772	47–49	500–2000	3.0–5.0	32	30
AC 2773*	47–49	100–800	4.0–5.0	45	110
AC 2782	47–49	100–400	8.0–9.0	22	40
AC 3630*	40–42	50–500	8.0 - 8.5	25	90
Lignocure 2010	32–34	10–200	7.0–9.0	0	–
MAC 34	42–44	30–300	7.0–8.0	55	140

* new development

ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025*	Multiphase dispersion with good adhesion to different substrates, outstanding stain and scrub resistance, good flexibility
AC 2314	Good chemical resistance, excellent gloss potential, excellent blush resistance, good weatherability, excellent surface hardness
AC 2360	High gloss potential, very good adhesion to multiple substrates, excellent block resistance, fast dry time, very good surface hardness
AC 2403	Outstanding corrosion protection, excellent efflorescence resistance, superior water resistance, excellent water vapor-barrier properties, excellent gloss potential
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 25381	Excellent exterior durability, excellent wet adhesion, very good block resistance, high gloss potential, superior water resistance
AC 2728	Excellent chemical resistance, excellent hot tire resistance, excellent block resistance, excellent surface hardness
AC 2736*	Economic, self-crosslinking acrylic dispersion, with MFFT 0° C, very good blocking resistance, for low solids wood stains and enamels
AC 2739	Economic, self-crosslinking multiphase dispersion, with MFFT 0° C, very good blocking and water resistance, with good exterior durability
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 2773*	Multiphase dispersion with exceptional wood warming and excellent recoatability
AC 2782	Superior block resistance, low water absorption, high gloss potential, excellent chemical resistance
AC 3630*	Translucent multiphase, self-crosslinking dispersion with excellent chemical and scratch resistance, fast-drying, excellent wood warmth and surface hardness
Lignocure 2010	Lignin reactive hydrosol for wood protection, dramatically increases weathering resistance when compared with conventional primers
MAC 34	Acrylic/Polyurethane hybrid, excellent chemical resistance, outstanding adhesion to multiple substrates, excellent surface hardness, fast dry time

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**

Alberdingk Boley, Inc. | 6008 High Point Road | Greensboro NC 27407 | 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 +86-755-33808666 | Fax +86-755-33800718 | info@alberdingkchina.com
www.alberdingkchina.com

