

Self-crosslinking Acrylate Dispersions

for Surface Coatings



ALBERDINGK BOLEY

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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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 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 2742	X		X			•					X	X	X	
AC 2772*				X	X		X	X						
AC 2782*						X					X		X	
Lignocure 2010*		X			X							X		
MAC 34			•			X		X			X	X	X	

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)
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AC 2314	44.5–46.5	200–1500	7.0–8.0	22	–
AC 2360*	46–48	300–3000	7.0–9.0	10–20	–
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 2742	47–49	2000–4000	7.5–8.5	45	–
AC 2772*	47–49	500–2000	3.0–5.0	32	–
AC 2782*	47–49	100–400	8.0–9.0	22	–
Lignocure 2010*	32–34	10–200	7.0–9.0	0	–
MAC 34	42–44	30–300	7.0–8.0	55	140

ALBERDINGK® Self-crosslinking Acrylic Copolymers

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 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.
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.