

Water-based Acrylate Dispersions

for surface coatings



	Architectural Coatings	Exterior Wood Coatings	Parquet Varnishes	Parquet Primers	Wood Stains	High Gloss Enamels	Stain Blockers	Concrete Flooring	Metal	MDF	Window Frames	Panels	Plastics	Furniture
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ALBERDINGK® Acrylic Copolymers

AC 2003	x	x												
AC 2356	x							x	x					
AC 2435*								x					x	
AC 2508													x	
AC 25352								x	x					
AC 2570					x									
AS 2610													x	
AS 2685								x						
AS 2688						x		•						
MAC 34		x											x	x

ALBERDINGK® Waterbased Carbodiimide-Crosslinker

ALBOLink CD 20*	x		x			x		x				x		x
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	Solids [%]	Viscosity Brookfield [mPas]	pH-Value	MFT [°C]	Hardness König [s]
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ALBERDINGK® Acrylic Copolymers

AC 2003	49,0–51,0	20–2000	7,0–9,0	3	
AC 2356	49,0–51,0	300–3000	8,0–9,5	25	
AC 2435*	43,0–45,0	100–1000	8,5–9,5	30	60
AC 2508	49,0–51,0	100–2000	7,0–8,0	80	140
AC 25352	50,0–52,0	300–800	7,0–8,0	20	60
AC 2570	39,0–41,0	10–300	4,0–4,5	25	
AS 2610	49,0–51,0	100–1000	7,0–8,0	80	140
AS 2685	42,0–44,0	2000–4500	7,0–8,0	20	45
AS 2688	43,0–45,0	500–3000	7,5–8,5	40	
MAC 34	42,0–44,0	30–300	7,0–8,0	55	140

ALBERDINGK® Waterbased Carbodiimide-Crosslinker

ALBOLink CD 20*	19,0–21,0	20–200	8,0–10,0		
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* new development

ALBERDINGK® Acrylic Copolymers

AC 2003	Recommended for plasters and facade paints
AC 2356	Industrial coatings with excellent water resistance, high gloss and good adhesion to multiple substrates (cold rolled steel, polycarbonate, concrete and wood)
AC 2435*	DTM and primer applications, excellent corrosion resistance and superior wet adhesion
AC 2508	Very hard acrylic dispersion, excellent alcohol resistance, at levels of < 15% used to improve blocking resistance of other coatings
AC 25352	Medium-hard acrylic dispersion with excellent corrosion and water resistance
AC 2570	A combination acrylate dispersion for UV-curable ALBERDINGK LUX dispersions to improve the reemulsifiability and cleanability, suitable to clean the conveyor belt by spray robot application
AS 2610	Good aluminium flake orientation and alcohol resistance
AS 2685	For DIY metal coatings, outstanding adhesion
AS 2688	For high-gloss enamels and metal coatings, excellent wood warming effect
MAC 34	For wood and plastic coatings with good chemical and water resistance, very good compatibility with ALBERDINGK polyester and polycarbonate based polyurethane dispersion

ALBERDINGK® Waterbased Carbodiimide-Crosslinker

ALBOLink CD 20*	Crosslinker for all kind of waterbased polymers (acrylic, polyurethane and urethanecopolymer dispersions)
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	Architectural Coatings	Exterior Wood Coatings	Parquet Varnishes	Parquet Primers	Wood Stains	High Gloss Enamels	Stain Blockers	Concrete Flooring	Metal	MDF	Window Frames	Panels	Plastics	Furniture
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ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025	x	x				x								
AC 2360	x	x				x								
AC 2403	x	x				x	x	x	•				x	
AC 25142			x		x									x
AC 2523	x	x			x	x				•				
AC 25381	x	x	x			x		x	x			x		x
AC 2714			x		x			x	x					x
AC 2736*	x	x			x							x		
AC 2737	x	x			x	x			x					
AC 2739	x	x			x	x			x					
AC 2742	x		x			•								x
AC 2772*				x										x
AC 2782									x	x				x
AC 3600*	x	x	x		x	x								x
AC 3626*	x					x								
AC 3630	x	•	x			x			x			x		x
AC 3640*		x	x									x		•
AC 3660*	x		x	x				x						x
Lignocure 2010		x			x						x	x		

	Solids [%]	Viscosity Brookfield [mPas]	pH-Value	MFT [°C]	Hardness König [s]
ALBERDINGK® Self-crosslinking Acrylic Copolymers					
AC 2025	48,0–50,0	500–4000	8,0–9,0	0	
AC 2360	46,0–48,0	300–3000	7,0–9,0	0	
AC 2403	46,0–48,0	200–2000	8,0–9,0	16	
AC 25142	42,0–44,0	30–300	7,0–8,0	16	80
AC 2523	47,0–49,0	500–4000	7,5–8,5	0	45
AC 25381	47,0–49,0	2000–8000	7,5–8,5	17	65
AC 2714	43,0–45,0	30–300	8,0–9,0	50	105
AC 2736*	39,0–41,0	50–2000	8,0–9,0	0	
AC 2737	44,0–46,0	1000–4000	8,0–9,0	0	
AC 2739	44,0–46,0	100–1000	7,5–9,0	0	
AC 2742	47,0–49,0	2000–4000	7,5–8,5	45	
AC 2772*	47,0–49,0	100–800	4,0–5,0	32	
AC 2782	47,0–49,0	100–700	8,0–9,0	22	
AC 3600*	40,0–42,0	20–200	7,5–8,5	0	
AC 3626*	39,0–41,0	50–200	8,0–9,0	45	
AC 3630	40,0–42,0	50–500	8,0–8,5	25	90
AC 3640*	40,0–42,0	50–500	8,0–9,0	30	90
AC 3660*	39,0–41,0	20–200	8,0–9,0	55	130
Lignocure 2010	32,0–34,0	10–200	7,0–9,0	0	

ALBERDINGK® Self-crosslinking Acrylic Copolymers

AC 2025	For solvent-free wall paints with outstanding stain- and scrub-resistance, superior pigment-wetting, tack-free and good blocking resistance
AC 2360	For economic wood coatings (also pigmented) with low VOC-content, suitable to formulate paints and varnishes according to European Ecolabel 2014/5
AC 2403	Self-crosslinking, multiphase dispersion with superior water barrier, excellent adhesion properties and superior corrosion resistance, very low MFFT and good blocking resistance
AC 25142	Economic acrylic dispersion with low MFFT, good chemical resistance, suitable for low VOC varnishes for parquet or furniture coatings
AC 2523	Economic multiphase dispersion, self-crosslinking, good blocking-resistance and wet adhesion, very high gloss, superior water resistance, for 0-VOC high-gloss enamels
AC 25381	Economic multiphase dispersion, self-crosslinking, extremely versatile, good chemical and superior water resistance, for interior and exterior wood applications
AC 2714	Universal self-crosslinking multiphase acrylic dispersion, best compromise of hydrophobic and lipophobic properties, excellent chemical resistance in clear and pigmented systems
AC 2736*	Economic, self-crosslinking acrylic dispersion, with MFFT 0° C, very good blocking resistance, for low solids wood stains and enamels
AC 2737	Economic, self-crosslinking multiphase dispersion with MFFT 0° C, excellent blocking and chemical resistance, for pigmented joinery coatings and 0-VOC formulations
AC 2739	For varnishes and paints with outstanding blocking resistance and excellent early water resistance for eg. coatings for window frames
AC 2742	Economic, self-crosslinking multiphase dispersion with excellent chemical resistance, also in pigmented systems
AC 2772*	Self-crosslinking multiphase dispersion with exceptional wood warming and excellent recoatability
AC 2782	Self-crosslinking, multiphase dispersion for extremely blocking resistant furniture lacquers with high chemical resistances
AC 3600*	For low VOC coatings, superior early block resistance, excellent chemical resistance, long open time and weathering resistant
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	Excellent wood warming and transparency, very fast drying with superior blocking resistance and sandability, very high chemical resistance even with high amounts of matting agent, very long open time
AC 3640*	Excellent wood warming and transparency, superior blocking resistance, fast hardness development and good sandability, very good chemical resistances even with high amounts of matting agent
AC 3660*	Excellent wood warming "transparency" very hard, blocking resistant, high chemical resistance, hot tire resistant
Lignocure 2010	Lignin-reactive hydrosol for wood protection, extremely increases the weathering resistance in comparison to conventional primers

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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