

# Water-based Acrylate Dispersions

for Surface Coatings



**ALBERDINGK BOLEY**

# Water-based Acrylate Dispersions

Alberdingk® aqueous acrylate and acrylate/styrene 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](http://www.alberdingkusa.com)

	Architectural Coatings	Exterior Coatings	Wood Stains/Sealers	Wood Coatings	High Gloss Enamels	Stain Blocking Primers	Masonry	Metal Coatings	KCMA	General Plastics	Plastic: Consumer Electronics	Furniture	Flexible Substrates	Paper
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### ALBERDINGK® Acrylic Copolymers

AC 548	x	x	x	x	x		x						x	
AC 2310										x	x		x	
AC 2356					x		x	x		x				
AC 2389													x	x
AC 2508				x	x				x	x	x	x		
AC 2529A				x	x				x	x		x		
AC 2570				x					x			x		

### ALBERDINGK® Styrene Acrylic Copolymers

AS 2065							x							
AS 2515					x					x	x			
AS 2610					x					x	x			x
AS 26102				x					x			x		
AS 2681				x				x		x			x	
AS 2685				x				x		x				
H 595	x	x	x	x			x							
H 603	x	x	x	x			x							
M 2068		x	x											

### ALBERDINGK® Epoxy Acrylic Copolymers

M 2955							x	x						
M 2959	x	x	x	x	x	x	x	x						

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)
<b>ALBERDINGK® Acrylic Copolymers</b>					
AC 548	49–51	3000–6000	7.5–8.5	13	–
AC 2310	34.5–35.5	10–100	8.0–9.0	–	–
AC 2356	49–51	300–3000	8.0–10.0	43	75
AC 2389	53–55	20–200	8.0–9.0	0	–
AC 2508	49–51	200–2000	7.0–8.0	80	140
AC 2529A	43–45	400–2000	6.5–7.5	50	130
AC 2570	39–41	10–300	3.0–5.0	25	–

### ALBERDINGK® Styrene Acrylic Copolymers

AS 2065	46–48	20–200	7.0–9.0	27	–
AS 2515	50–52	50–300	7.0–8.0	50	–
AS 2610	49–51	100–1000	7.0–8.0	80	140
AS 26102	46–48	500–1500	7.5–8.5	54	200
AS 2681	39–41	1500–3000	7.0–8.0	35	–
AS 2685	42–44	1000–3000	7.0–8.0	20	–
H 595	29–31	20–35	7.5–9.0	0	–
H 603	29–31	20–35	7.5–9.0	0	–
M 2068	48–50	20–2500	8.2–8.6	<10	–

### ALBERDINGK® Epoxy Acrylic Copolymers

M 2955	46.5–48.5	10–500	8.5–9.4	54	105
M 2959	46–48	10–500	6.0–8.0	20	35

**ALBERDINGK® Acrylic Copolymers**

AC 548	Excellent exterior durability, very good water resistance, very small particle size (0.06 microns)
AC 2310	Low surface tack, excellent hydrolysis resistance, non-yellowing at high temperatures
AC 2356	Excellent water resistance, high gloss potential, excellent adhesion to multiple substrates
AC 2389	Excellent grinding properties, excellent soft-feel, excellent water resistance, good adhesion to multiple substrates, excellent press transfer
AC 2508	Blending resin used to increase surface hardness and scratch resistance, excellent block resistance, excellent chemical resistance
AC 2529A	Blending resin used to increase surface hardness
AC 2570	Blending resin used to increase re-emulsifiability for easier cleaning of conveyer belts and spray guns, ideal for UV-curing systems and/or ink systems

**ALBERDINGK® Styrene Acrylic Copolymers**

AS 2065	Excellent exterior durability, very good water resistance, very small particle size (0.06 microns)
AS 2515	High surface hardness, excellent chemical resistance, excellent block and print resistance, excellent scratch resistance
AS 2610	Excellent adhesion to plastics, superior chemical resistance, outstanding aluminium flake orientation
AS 26102	Economic resin for wood coatings, excellent hardness, fast drying, very good appearance on wood
AS 2681	Excellent adhesion to multiple substrates, excellent water and humidity resistance, excellent chemical resistance
AS 2685	Very good chemical, water and humidity resistance, excellent adhesion to metal, especially galvanized steel
H 595	Very small particle size (0.03 microns), outstanding penetration into wood and cementitious substrates
H 603	Very small particle size, outstanding penetration into wood and cementitious substrates
M 2068	Small particle size, excellent water resistance, high gloss potential, excellent adhesion to multiple substrates

**ALBERDINGK® Epoxy Acrylic Copolymers**

M 2955	Blending resin used to increase surface hardness and block resistance, excellent hot tire resistance, excellent wet-look
M 2959	Excellent efflorescence resistance, excellent water resistance, very good exterior durability, excellent adhesion to multiple substrates

**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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