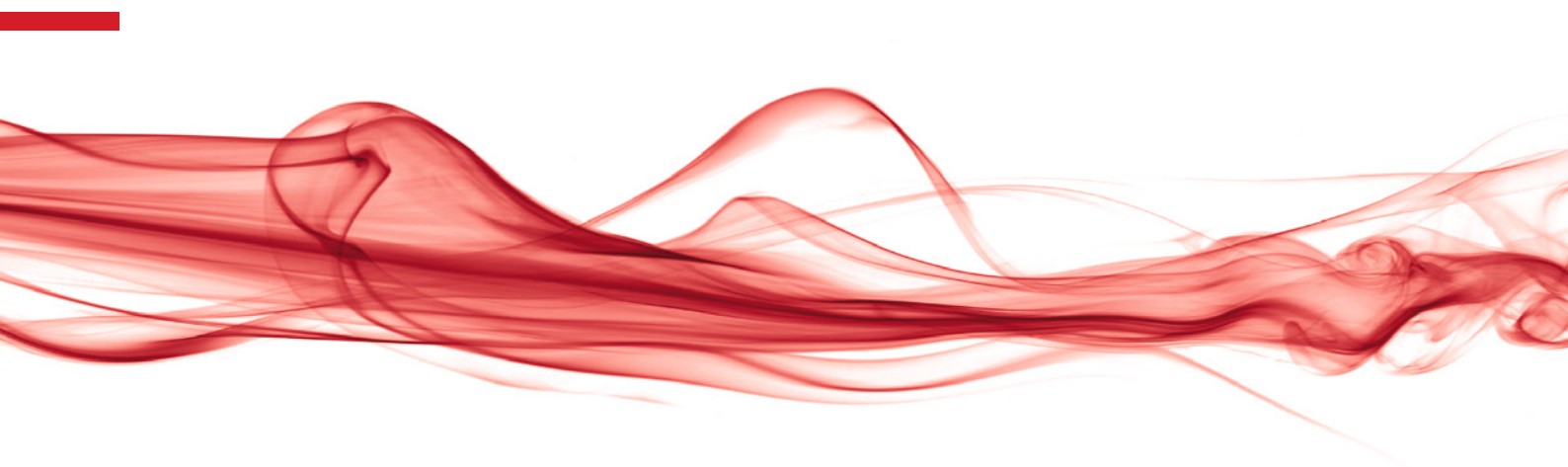


Water-based Polyurethane-Acrylic Hybrid-Dispersions

for Surface Coatings



Water-based Polyurethane/Acrylic Hybrid-Dispersions

Alberdingk® water-based polyurethane / acrylic hybrid dispersions are based on polyester and polycarbonate polyols for high quality surface coatings.

Main applications:

- › wood
- › plastics
- › metal

Customer specific requirements need individual solutions. Please contact us for technical support.

For further information please contact us:

www.alberdingkusa.com

	Exterior Wood Coatings	DIY Varnishes	Wood Flooring	Sports Flooring	Enamels	Metal Coatings	Industrial Coatings	Furniture	PVC	General Plastics	Automotive Basecoats
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ALBERDINGK® Aliphatic Polyurethane /Acrylic Hybrids

APU 10120						X	X			X	X
APU 10140									X	X	
APU 10610		•	X	•			•	•	X	X	
MAC 24*								X		X	
MAC 34		X	•		X		X	X		X	
MAC 36*								•		X	

ALBERDINGK® Aliphatic Polyurethane /Acrylic Copolymers

UC 80			X		X	•		X			
UC 84	•	X	X	•	•	•	X	X	X	X	
UC 90		X	X			•					
UC 8400								X			
UC 8600								X			

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)	Type
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ALBERDINGK® Aliphatic Polyurethane /Acrylic Hybrids

APU 10120	44–46	20–200	7.0–8.5	15	60	AC/PES/PU
APU 10140	35–37	30–200	7.5–8.5	4	50	AC/PES/PC/PU
APU 10610	33–35	20–200	7.0–8.0	15	80	AC/PES/PC/PU
MAC 24*	42–44	20–200	7.0–8.0	40		AC/PES/PU
MAC 34	42–44	30–300	7.0–8.0	55	140	AC/PES/PU
MAC 36*	42–44	50–1000	7.0–8.0	40	160	AC/PES/PU

ALBERDINGK® Aliphatic Polyurethane/Acrylic Copolymers

UC 80	34–36	20–200	7.0–8.0	35	105	PES/PU/AC
UC 84	34–36	20–200	7.5–8.5	42	105	PC/PU/AC
UC 90	34–36	20–200	7.5–8.5	35	130	PES/PU/AC
UC 8400	39–41	20–200	7.0–8.5	50	145	PES/PU/AC
UC 8600	39–41	20–200	7.0–8.5	48	69	PC/PU/AC

ALBERDINGK® Aliphatic Polyurethane /Acrylic Hybrids

APU 10120	Self-crosslinking, outstanding adhesion properties, excellent early water resistance
APU 10140	Self-crosslinking, excellent plasticizer barrier, outstanding adhesion properties
APU 10610	Self-crosslinking, excellent scratch and abrasion resistance, good block resistance
MAC 24*	Acrylic binder with excellent chemical and blocking resistance. Good resistance to hand sanitizer.
MAC 34	Self-crosslinking, excellent chemical and scratch resistance, very good sandability, outstanding adhesion to multiple substrates
MAC 36*	For hard and scratch resistant plastic and wood coatings.

ALBERDINGK® Aliphatic Polyurethane/Acrylic Copolymers

UC 80	High scratch and abrasion resistance, suitable for overprint varnishes, excellent adhesion to aluminium, excellent surface hardness
UC 84	Outstanding alkali and water resistance, excellent block resistance, very good abrasion and scratch resistance, quick hardness development
UC 90	Self-crosslinking, excellent scratch and abrasion resistance
UC 8400	Very high hardness and blocking resistance, excellent hand fat- and chemical resistance, highly scratch resistant, ideal combination partner for waterbased acrylics and UV-curable dispersions
UC 8600	Optimized for the use in pigmented coating systems with outstanding stain and chemical resistance, very good hand-fat and -lotion resistance as well as a very scratch resistant surface

USA

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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