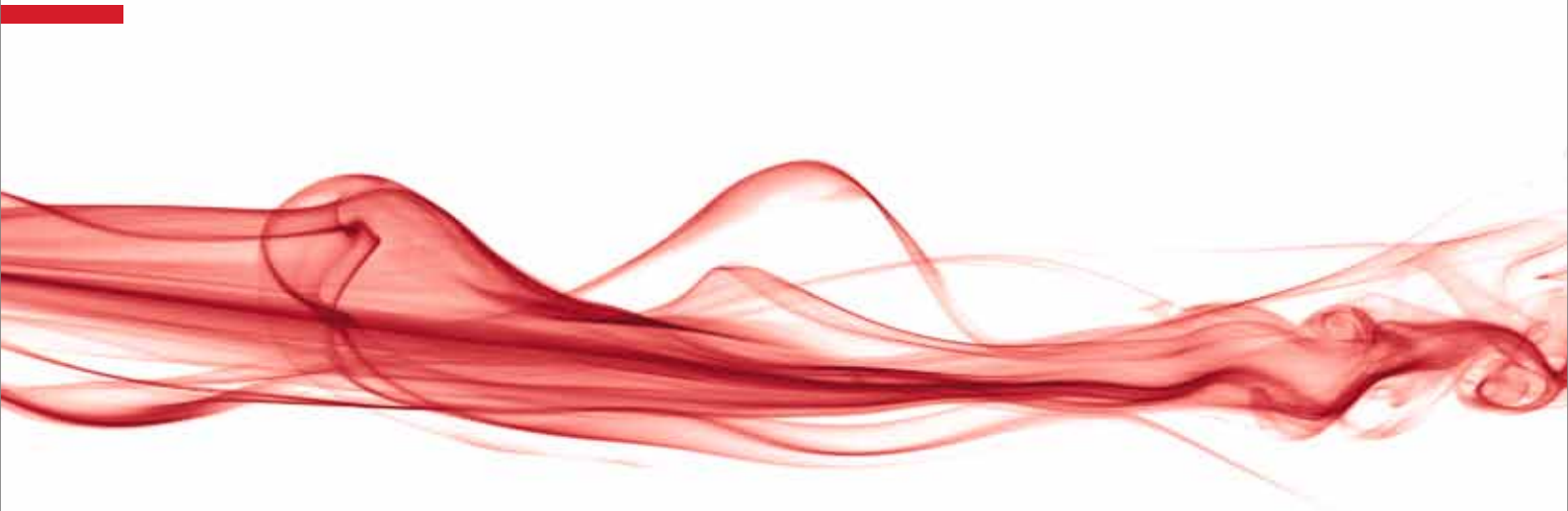


# Water-based Polyurethane-Acrylic Hybrid-Dispersions

for Surface Coatings



**ALBERDINGK BOLEY**

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.



## 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](mailto:info@alberdingkusa.com)  
[www.alberdingkusa.com](http://www.alberdingkusa.com)

**Alberdingk Boley GmbH** | Düsseldorfer Str. 53 | 47829 Krefeld | Germany  
Tel +49 2151 528-0 | Fax +49 2151 573643 | [info@alberdingk-boley.de](mailto:info@alberdingk-boley.de)  
[www.alberdingk-boley.de](http://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](mailto:info@alberdingkchina.com)  
[www.alberdingkchina.com](http://www.alberdingkchina.com)

# 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](http://www.alberdingkusa.com)

	DIY Varnishes	Wood Flooring	Sortsflooring	Enamels	Metal Coatings	Industrial Coatings	Furniture	PVC	General Plastics	Automotive Basecoats
--	---------------	---------------	---------------	---------	----------------	---------------------	-----------	-----	------------------	----------------------

### ALBERDINGK® Aliphatic Polyurethane /Acrylic Hybrids

APU 10120					X	X			X	X
APU 10140								X	X	
APU 10610	•	X	•			•	•	X	X	
MAC 34	X	•		X		X	X		X	

### ALBERDINGK® Aliphatic Polyurethane /Acrylic copolymers

UC 80		X		X	•		X			
UC 84	X	X	•	•	•	X	X	X	X	
UC 90	X	X			•					

	Solids (%)	Viscosity (cps)	pH-Value	MFFT (°C)	Koenig Hardness (sec)	Type
--	------------	-----------------	----------	-----------	-----------------------	------

### 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 34	42–44	30–300	7.0–8.0	55	140	AC/PES/PU

### ALBERDINGK® Aliphatic Polyurethane /Acrylic copolymers

UC 80	34–36	20–200	7.0–8.0	35	105	PES/PU
UC 84	34–36	20–200	7.5–8.5	42	105	PC/PU
UC 90	34–36	20–200	7.5–8.5	35	130	PES/PU

### 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 34	Self-crosslinking, excellent chemical and scratch resistance, very good sandability, outstanding adhesion to multiple substrates.

### 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.