

# Technical data sheet

## ALBERDINGK® AC 3797

### Characteristic:

Medium hard, OH-functional, waterborne acrylic copolymer, without plasticizer or protective colloids.

### Specification:

Solids content	%	34.0 - 36.0
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**According to:**

ISO 3251  
1.0 g weighed quantity at  
105°C

pH- value 7.5 - 8.5

ISO 976

Viscosity	mPas	20 - 500
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ISO 2555, Brookfield RVT  
Spindle 1/rpm 20/factor 5

### Further typical data\*:

MFFT                      °C                      ca. 17

**According to:**

Density	g/cm <sup>3</sup>	1.0 - 1.1	ISO 2811-1
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ISO 2811-1

OH-value on solids	mg KOH/g	ca. 125	ISO 4629-2
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ISO 4629-2

OH-content as supplied	%	ca. 1.33	ISO 4629-2
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ISO 4629-2

Solvent-free

### Film properties\*:

**According to:**

Pendulum hardness (König)	s	ca. 134	ISO 1522
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ISO 1522

## Applications:

Provides high chemical resistances if crosslinked (e.g. with a polyisocyanate).  
Designed for substrates like wood, plastic, metal and concrete.

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### Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months after delivery date. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly. The product is only preserved for the transport. For a longer storage time, we recommend to add additional preservative. A warranty for the sterility after storage can not be granted. ALBERDINGK BOLEY GmbH assures that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY GmbH. The product should be stirred well before use.

### Packaging:

plastic drums (120 kg)  
one-way container (approx. 1000 kg)  
as bulk in tank cars, by agreement.

### Safety:

For further information on product safety please refer to the current safety data sheet.

### Notice:

\* General information - the values can not be considered as part of the product specification.