

# Technical data sheet

## ALBERDINGK® AC 31

### Characteristic:

Aqueous, with polyisocyanate crosslinkable hydroxyl group containing polymer dispersion.

### Specification:

Solids content	%	49.0 - 51.0	<b>According to:</b> ISO 3251 1.0 g weighed quantity at 105°C
pH- value		7.0 - 8.0	ISO 976
Viscosity	mPas	300 - 2000	ISO 2555, Brookfield RVT Spindle 2/rpm 20/factor 20

### Further typical data\*:

MFFT	°C	ca. 40	<b>According to:</b>
Density	g/cm <sup>3</sup>	1.0 - 1.1	ISO 2811-1
OH-value on solids	mg KOH/g	ca. 62	ISO 4629-2
OH-content as supplied	%	ca. 0.94	ISO 4629-2
Solvent-free			

### Film properties\*:

Pendulum hardness (König)	s	ca. 140	<b>According to:</b> ISO 1522
---------------------------	---	---------	----------------------------------

### Applications:

For waterborne 2- pack polyurethane lacquer systems- curing at ambient temperature or oven curing 1K water borne lacquers (melamin crosslinking).  
Coatings for wood, plastics, metal and concrete flooring.

# Technical data sheet

## ALBERDINGK® AC 31

### 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.