

# Technical data sheet

## ALBERDINGK® U 8500

### Characteristic:

Aqueous, anionic, solvent-free dispersion of an aliphatic polyester polyurethane.

### Specification:

Solids content % 34.0 - 36.0

pH- value 7.0 - 8.0

Viscosity mPas 10 - 100

### According to:

ISO 3251  
0.5 g weighed quantity at  
105°C

ISO 976

ISO 2555, Brookfield RVT  
Spindle 1/rpm 20/factor 5

### Further typical data\*:

MFFT °C ca. 0

Density g/cm<sup>3</sup> 1.0 - 1.1

Solvent-free

### According to:

ISO 2811-1

### Highlights:

- very easy to formulate and use
- very low colour change in overlapping zones
- very easy mixing with crosslinkers (isocyanates and carbodiimides)
- very good chemical and stain resistances
- excellent sanding properties
- high scratch resistance
- long open time with quick hardness development at the same time ("snap-drying")

### Applications:

High quality 1K and 2K lacquers for hardwood flooring.

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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.