

Technical data sheet

ALBERDINGK® U 7800

Characteristic:

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

Specification: Solids content	%	39.0 - 41.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value Viscosity	mPas	7.5 - 8.5 20 - 300	ISO 976 ISO 2555, Brookfield RVT Spindle 1/rpm 20/factor 5
Further typical data*:			According to:
Density	g/cm3	1.0 - 1.1	ISO 2811-1
	5,	1.0 1.1	130 2011-1
Solvent-free	5,	1.0 1.1	150 2011-1
Solvent-free MFFT	°C	ca. 0	130 2011-1

Applications:

High-quality single and two-pack wood coatings. Designed for excellent film formation at no/low levels of coalescing agents. The dispersion is therefore highly suitable for low emission coatings. Exhibits very high chemical resistance, excellent clarity on wood as well as good abrasion resistance.

Further information:

The binder can be formulated without addition of coalescents. Please note, that during drying, the low viscosity might lead to tension-cracks. A completely formulated lacquer will be free of cracks.

Latest update	Alberdingk Boley GmbH Düsseldorfer Str. 53 47829 Krefeld Germany
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Page 1 of 2	Alberdingk Boley, Inc. Greensboro, NC, USA www.alberdingkusa.com
	Alberdingk Resins (Shenzhen) Co.Ltd. Shenzhen City, P.R. China www.alberdingkchina.com
	The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from thisinformation. Industrial property rights are to be considered if required.



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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.

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