

Technical data sheet

ALBERDINGK® AFU 850

Characteristic:

"AFU" = Amine Free Urethane.

Self-crosslinking, amine and solvent-free polyurethane dispersion.

Specification:

Solids content	%	39.0 - 41.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value		7.0 - 8.5	ISO 976
Viscosity	mPas	20 - 200	ISO 2555, Brookfield RVT Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	ca. 25	According to:
Density	g/cm ³	1.0 - 1.1	ISO 2811-1
Solvent-free			

Applications:

Due to its high hardness and chemical resistance, the dispersion is highly suitable for waterbased wood coatings such as hardwood floor lacquers and furniture coatings. As amine free polyurethane dispersion, it is also suitable for other applications where organic amines shall not be present.

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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.