

Technical data sheet

ALBERDINGK® LUX 282

Characteristic:

Aqueous, UV-crosslinkable dispersion based on aliphatic polyurethane and acrylic acid esters copolymer without free isocyanate groups.

Specification:

Solids content % 39.0 - 41.0

pH- value 7.0 - 8.0

Viscosity mPas 20 - 500

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

Applications:

Highly suitable for highly chemical resistant coatings on wood and many other substrates. Has an extremely high UV functionality which makes it suitable as additive resin to transform physical drying resins / varnishes into UV curing products. The product is PETIA-free and therefore recommended for IKEA applications.

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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.

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.