

Technical data sheet

ALBERDINGK® LUX 484

Characteristic:

Aqueous, anionic, UV-curable dispersion based on an aliphatic polycarbonate-/polyesterpolyurethane and a polyarylate.

Specification: Solids content	%	36.0 - 38.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value Viscosity	mPas	7.0 - 8.5 20 - 200	ISO 976 ISO 2555, Brookfield RVT Spindle 1/rpm 20/factor 5
Further typical data*:			According to:
MFFT	°C	ca. 0	
Density	g/cm3	1.0 - 1.1	ISO 2811-1
Solvent-free			
Film properties*:			According to:
Pendulum hardness (König)	S	ca. 140	ISO 1522
after UV-curing			
Pendulum hardness (König)	S	ca. 30	ISO 1522
before UV-curing			

Applications:

Radiation curing lacquer and primer with very high chemical resistances for wood-, plastic- and metal- coatings. Especially suitable for parquet-applications.

Curing recommendations:

Photoinitiator (e.g. Omnirad 500 (former Irgacure 500)): 1% on the delivered form.

Belt speed: 5 - 10 m/min., 1 Hg-lamp 80 W/cm

Latest update 12.05.2014

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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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