

Technical Data Sheet

AlberdingkUSA[®] LUX 250

Characteristic

AlberdingkUSA[®] LUX 250 is a solvent-free, hard-elastic UV curable PUD that was developed for clear and pigmented wood and plastic coatings. It has excellent chemical and stain resistance, excellent scratch resistance and very fast water release.

Features:

- Excellent scratch resistance
- Very fast water release
- Excellent chemical resistance
- Low grain raising
- Physically drying before cure
- Good performance in pigmented systems

Specification:

NVW	%	39.0 – 41.0
pH value		6.5 – 8.0
Viscosity	cps	10 - 500

According to:

DIN EN ISO 3251
1.0 g weighed quantity at 105°C
DIN ISO 976
ISO 1652, Brookfield RVT
Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	approx. 0
Koenig hardness before UV cure	s	20
Koenig hardness after UV cure	s	160

Applications:

- Clear and pigmented wood coatings
- Clear plastic coatings
- KCMA coatings
- General metal coatings
- Parquet flooring

Technical Data Sheet

AlberdingkUSA[®] LUX 250

Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. 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.

ALBERDINGK BOLEY Inc. 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 Inc.

Packaging:

drums (460 lbs)
totes (2205 lbs)
as bulk in tank cars, by agreement.

Safety:

For further information on product safety please refer to the actual material safety data sheet.

Notice:

* General information - the values can not be considered as part of the product specification.