

# DUVILAX® LSD-1

## INTERIOR WOOD ADHESIVE

Woodworking industry  
Furniture industry

### Composition:

An adhesive Duvilax® LSD-1 is made on the basis of polyvinyl acetate dispersion in water. It does not pose any health or usage risks (no R-sentences and S-sentences).

### Properties:

A water white- colored dispersion with a characteristic smell. It is non-toxic, incombustible, non-explosive, posing no health or hygienic hazards and biodegradable. The adhesive film is transparent, relatively hard, brittle and non- adhesive.

### Usage:

Duvilax® LSD-1 is a basic wood adhesive for interiors. It is used for assembly sticking in furniture manufacture, sticking of massive wood- peg joints, simple barb, ping, on mow, on pen-mortise etc. Glued object may be further working after 24 hours from gluing. It is also suitable for sticking paper, cardboard, textiles, cork and other absorptive materials mutually. Its consistency should be original and it must not be diluted or otherwise treated.

### Parameters:

Dry matter content	min. 49.0 %
Viscosity	1 000 – 3 000 mPa.s(Rheotest) 7 000 – 10 000 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	3 – 5
min. film-forming temperature	8°C
open period	max.5 minutes
joint rigidity in shear (beech-beech)	min. 10 MPa
group of stress EN 204	D1

### Fixing conditions:

Working temperature	min.15°C, in heating fixing max.100°C
Dampness of fixed particles	8-12%
Adhesive consumption (recommended)	120-200 g/m <sup>2</sup>
Way of application	brush, roller, spatula, nozzle
Press power	min. 0.7 MPa
Press working time	20-40 min. according to type of joint and fixing conditions
drying time at 20°C	cca.24 hours (it means time of reached hardness adequate for further working)

### Packing:

Packed in 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container.

### Storage:

Duvilax® LSD-1 is stored in original, undamaged, closed packaging by temperatures from 5°C to 40°C and must not be exposed to direct sunshine.

### Guarantee period:

6 months under the observation of storage conditions.

The given data are only of an informative character and are not complete. Before each use it is recommended to try an adhesive in concrete conditions. Further information can be obtained at:

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