

DUVILAX® EXPRES LS

EXPRESS INTERIOR WOOD ADHESIVE

Woodworking industry
Furniture industry

Composition:

An adhesive Duvilax® Expres LS is made on the basis of copolymer vinyl acetate dispersion in water. It does not prove 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. It has high initial adhesiveness and short time for reaching final hardness. The adhesive film is transparent, relatively hard, brittle and non- adhesive.

Usage:

Duvilax® Expres LS is a basic wood adhesive for interior. It is used for assembly sticking in furniture manufacture, sticking of massive woodpeg joints, simple barb, ping, on mow, on pen-mortise etc. Glued object may be further working after 4 hours from gluing. It is also for sticking paper, cardboard, textiles, cork and other absorptive materials mutually. It is suitable for sticking wood toys for children and things employed in food preparation, food serving etc. Its consistency should be original and it must not be diluted or otherwise treated.

Parameters:

| | |
|--|--|
| Dry matter content | min. 50.0 % |
| Viscosity | 4 000 – 8 000 mPa.s (Rheotest) 6 000 – 15 000 mPa.s (according to ISO 2555, Brookfield RVT) |
| pH value | 4 – 6 |
| min. film-forming temperature | 10°C |
| open period | max. 8 minutes |
| joint rigidity in shear (beech-beech) min. | 10 MPa |
| group of stress EN 204 | D2 |

Fixing conditions:

| | |
|------------------------------------|---|
| Working temperature | min. 15°C, in heating fixing max. 100°C |
| Dampness of fixed particles | 8-12% |
| Adhesive consumption (recommended) | 120-180 g/m ² |
| Way of application | brush, roller, spatula, nozzle |
| Press power | min. 0.7 MPa |
| Press working time | 10-20 min. according to type of joint |
| drying time at 20°C | ca. 4 hours |

Packing:

Packed in 0.25 kg and 0.5 kg bottle with applicator, 1 kg, 3 kg, 5 kg and 10 kg bucket, 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container.

Storage:

Duvilax® Expres LS 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:

The guaranteed period for the product delivered in packing up to 15 kg gross is 12 month. For the rest of the products it is 6 months, in the case of keeping the storage conditions mentioned above.

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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