

# DUVILAX® D3 RAPID

## WATERPROOF WOOD ADHESIVE

Woodworking industry  
Furniture industry

### Composition:

An adhesive Duvilax® D3 Rapid is a dispersed adhesive made on the base of copolymer vinyl acetate dispersion in water. Duvilax® D3 Rapid 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 and posing no health or hygienic hazards and biodegradable. The adhesive has high incipient adhesiveness and short time of final hardness. The dispersion film is transparent, relatively hard, brittle and non-adhesive.

### Usage:

Duvilax® D3 Rapid is one-component adhesive for wood with speed joint creation, long-lasting dampness resistant according to EN 204 in group D3. It is suitable for assembly and area sticking, for sticking veneer, frames, lengthways joint, production of windows, doors, furniture, parquet and cabinetmaking works. It glues hard and soft wood, chipboard and agglomerated materials on the base of cellulose. After 6 hours the joint can be mechanically extended. Duvilax® D3 Rapid is used for sticking of subjects, which will be placed in protected exteriors or interiors with often short-term water influence, air humidity condensate or long-lasting influence of high air humidity. The adhesive is suitable for sticking of wooden toys and food products. Its consistency should be original and it must not be diluted or otherwise treated.

### Parameters:

Dry matter content	min. 49.0 %
Viscosity	4 000 – 8 000 mPa.s (Rheotest) 7 000 – 20 000 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	3 – 4
min. film-forming temperature	10°C
open period	min. 10 minutes
joint rigidity in shear (beech-beech) min.	10 MPa
group of stress EN 204	D3

### Fixing conditions:

Working temperature	min. 15°C, in heating fixing max. 100°C
Dampness of joint	8-12 %
Adhesive consumption (recommended)	100 - 150 g/m <sup>2</sup>
Way of application	brush, roller, spatula, nozzle
Press power	min. 0.7 MPa
Press working time	10-30 min. according to type of joint and fixing conditions
Drying time at 200C	cca. 6 hours

### Packing:

Packed in 1 kg, 3 kg, 5 kg and 10 kg buckets, 30 kg PE -kegs; 125 kg PE- barrels;  
200 kg steel barrels; 1000 kg plastic container

### Storage:

Duvilax® D3 Rapid is stored in original, undamaged, closed packaging by temperature 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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