

5 Min Liquid PU Wood Adhesive

Revision: 04/04/2019

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Technical data

Basis	Polyurethane
Consistency	Fluid
Curing system	Moisture Curing (air humidity)
Density**	Ca. 1.11 g/ml
Total solid content	95 %
Temperature resistance**	-30 °C → 100 °C
Open time (*)	Ca. 5 min.
Pressing pressure	1 kg/cm ² → 1.2 kg/cm ²
Pressing times	Minimum 30 minutes
Water resistance (EN204)	D4
Shear strength**	> 10MPa
Application temperature	5 °C → 35 °C
Consumption (*)	Ca. 150 g/m ²

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

5 Min Liquid PU Wood Adhesive is a 1-component, unfilled, ready to use polyurethane based adhesive with excellent water resistance.

Properties

- Fast strength build-up.
- Easy to tool
- Professional quality
- Foaming penetration action to fill bond cavities
- Water resistant D4
- Suitable for wet wood types

Applications

- Interior applications which are exposed to high relative humidity.
- Exterior applications which are exposed to direct weather influence.
- Bonding of windows and door frames (also corner connections) which need to meet class D4 according to EN204.
- Bonding of wooden construction elements.

Packaging

Colour: brown
Packaging: 750gr.

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C.

Substrates

Substrates: Various porous and non-porous surfaces such as wood, concrete, stone and other materials commonly used in construction. Not suitable for PE, PTFE and PP.

Nature: clean, free of dust and grease.

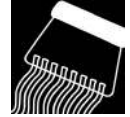
Surface preparation: The adhesive cures on exposure to moisture in the air or in the material and foams up thereby very light. A lightly moisten the surface (water spray) can accelerate the hardening process and increase the filling character.

We recommend a preliminary adhesion test on any substrate.

Application method

Application method: Apply the adhesive with the aid of a fine-toothed comb or brush on one of the materials to be bonded. Bring the two

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parts together within maximum 5 minutes and clamp during minimum 30 minutes. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength.

Cleaning: Uncured 5 Min Liquid PU Wood Adhesive can be removed from substrates and tools with Soudal Gun and Foam Cleaner.

Cured 5 Min Liquid PU Wood Adhesive can only be removed mechanically.

Repair: With the same material

Health- and Safety Recommendations

Take the usual labour hygiene into account.

Wear gloves. Consult label and material safety data sheet for more information.

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