



Joint and Joist D4 Wood Adhesive

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Technical data

Basis	Polyurethane
Consistency	Fluid
Curing system	Moisture Curing (air humidity)
Density	Ca. 1,11 g/ml
Viscosity (Brookfield)	2.500 mPa.s → 4.500 mPa.s
Total solid content	95 %
Temperature resistance**	-30 °C → 100 °C
Open time (23°C, 55% RV)*	Ca. 15 min.
Pressing pressure	1 kg/cm ² → 1.2 kg/cm ²
Pressing times	Minimum 3 hours
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

Joint and Joist D4 Wood Adhesive is a 1-component, unfilled, ready to use polyurethane based adhesive with excellent water resistance.

Properties

- 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. 5 kg

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

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of the materials to be bonded. Bring the two parts together within maximum 15 minutes and clamp during minimum 3 hours. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength.

Cleaning: Uncured Joint and Joist D4 Wood Adhesive can be removed from substrates and tools with Soudal Gun and Foam Cleaner.

Cured Joint and Joist D4 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.

Remarks

- It is recommended to do a compatibility test prior to application.

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