

5 Min Gel PU Wood Adhesive

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Technical data

Basis	Polyurethane
Consistency	Paste
Curing system	Moisture Curing (air humidity)
Density**	Ca. 1.11 g/ml
Total solid content	100 %
Temperature resistance**	-30 °C → 100 °C
Open time (*)	Ca. 15 min.
Pressing times	Minimum 1 hour
Water resistance (EN204)	D4
Shear strength**	> 10MPa
Application temperature	5 °C → 35 °C

* 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 Gel PU Wood Adhesive is a transparent ready to use universal construction adhesive based on polyurethane.

Shelf life

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

Properties

- Professional quality
- Transparent
- Fast strength build-up
- Filling characteristics (foam formation), suitable for the bonding onto uneven surfaces.
- Water resistant D4
- Solvent free

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.

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.
- Bonding of insulation materials (also polystyrene).

Application method

Application method: Apply the adhesive with a sealant gun onto one of the surfaces which need to be bonded. Bring the two parts together within a maximum of 15 minutes and clamp for at least 1 hour. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength.

Packaging

Colour: transparent

Packaging: 310 ml cartridge

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.



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

Standards and certificates

KOMO® certified certificate nr.33086

Environmental clauses

Leed regulation:
5 Min Gel PU Wood Adhesive conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content. VOS-level < 70 g/L

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