

PRO 40P - PU Wood Adhesive

Product description

PRO 40P - PU Wood Adhesive is a one-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



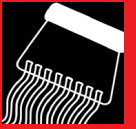
Technical data

Base	Polyurethane
Consistency	Fluid
Curing system	Moisture curing
Density	ca. 1,11 g/ml
Viscosity	2.500 - 4.500 mPa.s
Open time	ca. 15 minutes
Consumption	ca. 150 g/m ²
Shear strength	At least 10 MPa
Temperature resistance	-30°C → +100°C
Durability class (EN 204)	D4
Pressing pressure	1 kg/cm ² - 2 kg/cm ²
Pressing time	At least 3 hours
Solid content	93 %

Footnote: evaporation time, open time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
Clean, free of dust and grease.
- Substrate 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.



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■ Substrate types

PRO 40P - PU Wood Adhesive has a good adhesion to following substrates: concrete, stone, many non-porous and porous substrates like wood, carton, laminate, etc.... PRO 40P - PU Wood Adhesive has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®). We recommend a preliminary adhesion and compatibility test on every surface.

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 parts together within a maximum of ca. 15 minutes and clamp for At least 3 hours. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength.

■ Cleaning method

Uncured PRO 40P - PU Wood Adhesive can be removed from substrates and tools with Soudal Gun and Foam Cleaner. Cured product can only be removed mechanically.

■ Repair method

Repair with the same material.

Health- and Safety Recommendations

Dangerous. Respect the precautions for use.

Wear plastic gloves.

Avoid contact with skin or eyes.

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.

Packaging/Logistics

Packaging: Various sizes available. Please consult the product catalogue, the Soudal website or a Soudal representative.

Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

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. It is general in nature and does not constitute any liability. 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. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.