
PRO 45P

Revision: 18/09/2015

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Technical data

Basis	Polyurethane
Consistency	Fluid
Curing system	Moisture Curing
Density	Ca. 1,11 g/ml
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
Consumption (*)	Ca. 150 g/m ²
Application temperature	5 °C → 35 °C
Total solid content	95 %

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

PRO 45P is a 1-component, unfilled, ready to use polyurethane based adhesive with excellent water resistance.

Shelf life

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

Properties

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

Substrates

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

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

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 beyond our control, no liability under this publication are 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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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 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 PRO 45P can be removed from substrates and tools with Soudal Gun and Foam Cleaner. Cured PRO 45P 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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