



PU Construct Extra Fast

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Technical data

Basis	Polyurethane
Consistency	Paste
Curing system	Moisture Curing (air humidity)
Density	Ca. 1,50 g/ml
Total solid content	100 %
Temperature resistance**	-30 °C → 100 °C
Open time (*)	Ca. 10 min.
Pressing times	Minimum 15 min.
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

PU Construct Extra Fast is a 1-component, solvent free, ready to use, universal, construction adhesive based on polyurethane. Excellent adhesion, fast build-up of strength and fast curing when moistened.

- 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).

Properties

- Professional quality
- apply with skeleton gun
- Fast strength build-up.
- Filling characteristics (foam formation), suitable for the bonding onto uneven surfaces.
- The foaming effect is achieved by slightly moistening the substrates which also accelerates the curing process.
- Clamping increases the final bond strength.
- Water resistant D4
- Solvent free
- For in and outdoor use
- Can be painted with most types of paint systems.

Packaging

Colour: beige

Packaging: 310 ml cartridge

Shelf life

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

Substrates

Substrates: Suitable for different porous and non -porous substrates like wood, MDF, chipboard, concrete, stone, metal, plastics, PU foam, polystyrene foam, mineral wool and other conventional materials in construction. Not suitable for glass, PE, PP, PA, EPDM and Teflon.

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.

Applications

- Interior applications which are exposed to high relative humidity.
- Exterior applications which are exposed to direct weather influence.

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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We recommend a preliminary adhesion test on any substrate.

Application method

Application method: Moisten both surfaces, apply the adhesive with a sealant gun onto one of the surfaces. Bring the two parts together within maximum 5 minutes for optimum adhesion. Clamp during min 15 minutes. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength. PU Construct Extra Fast reaches 80% of his end strength after 10 min (when moistened). When bonding two non-porous surfaces, slightly moisten only one of the surfaces. Avoid the sliding of the adhesive connection during application and curing.

Cleaning: Uncured PU Construct Extra Fast can be removed from substrates and tools with Soudal Gun and Foam Cleaner. Cured PU Construct Extra Fast 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

- Do not use in applications where continuous water immersion is possible.

Environmental clauses

Leed regulation:

PU Construct Extra Fast 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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