



PU CONSTRUCT EXTRA FAST

Revision: 18/02/2011

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Technical Data:

Base	Polyurethane
Consistency	Pasta
Curing System	Moisture curing
Open Time* (20°C/65% R.H.)	Approx. 10 min.
Hand tight* (20°C/65% R.H.)	After 10 min. (80% end strength)
Fully cured	After 30 min (100% cured when moistened)
Clamping time* (20°C/65% R.H.)	At least 15 min.
Specific gravity (DIN 53479)	Ca. 1,5 g/mL
Temperature resistance	-30°C to +100°C after curing
Water resistance (DIN EN 204)	D4
Shear strength (DIN EN 204)	> 10 N/mm ²
Solid contents	100 % (solvent free)

* This varies according to ambient conditions such as temperature, humidity, substrate etc.

Product:

PU Construct Extra Fast is a single component polyurethane based assembly adhesive with high bond strength and high water resistance. Slight moistening of substrates accelerates strength build-up and curing process.

Characteristics:

- Professional quality
- Cartridge applied
- Fast curing and strength build-up
- Filling characteristics, suitable for uneven surfaces
- Clamping increases the bonding strength
- Waterproof D4
- In and outdoor use
- Solvent free

Applications:

Interior applications with frequent long-term exposure to running or condensed water.

Exterior applications with exposure to weather influences.

Manufacturing of door and window-frames that need to meet class D4 according to EN204.

Bonding of wooden construction elements

Bonding of insulation materials (including polystyrene)

Surfaces:

Type: various porous and non-porous substrates such as wood, concrete, bricks and other common materials in the building industry.
Not suitable for PE and PP

State of Surface: clean, free of dust and grease

Preparation: the adhesive cures under the influence of humidity. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.

We recommend a preliminary compatibility test.

Application method:

Method: Slightly moisten both substrates. Apply the adhesive by means of a manual or pneumatic caulking gun to one of the substrates. Join the parts together within 5 minutes and clamp for at least 15 minutes. Pressing the materials, during curing, is necessary to reach the highest possible end strength. PU Construct Extra Fast reaches 80% of his end strength after 10 min (when moistened). When bonding 2 non-porous substrates, moisten only one of the two substrates.
Avoid displacing of the substrates during joining both substrates together or during the curing process.

Remark: 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. In every case it is recommended to carry out preliminary experiments.



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Application temperature: +5°C to +35°C. Ideal application temperature is between +15°C and +25°C. Lower temperatures will increase clamping and curing time.

Clean: PU Construct Extra Fast can, before the adhesive is cured, be removed from tools and materials with Soudal Gun and Foam Cleaner. Cured adhesive has to be removed mechanically.

Repair: with PU Construct Extra Fast

Packaging:

Colour: beige

Packaging: cartridge 310mL

Shelf life:

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

Health- and safety recommendations:

Apply the usual industrial hygiene.

Wear protective gloves.

Consult the label for more information.

Remarks:

Not suited for applications with continuous water immersion.

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