



PU CONSTRUCT

Date:03/02/03

Page 1 of 1

Polyurethane Assembly Adhesive

Technical Data:

Base	Polyurethane
Consistency	Stable pasta
Curing System	Moisture cure
Open Time*	10 min.
Clamping time*	45 min.
Specific gravity	Ca. 1,5g/mL
Temperature resistance	-30°C until +100°C after curing
Water resistance	D4 (DIN EN 204)
Breaking strength	>10N/mm ² (DIN EN 204)
Solid contents	100% (solvent free)

* This can vary according to environmental circumstances such as temperature, humidity, substrate etc.

Product:

PU Construct is a fast cure single component polyurethane based assembly adhesive with high bond strength and high water resistance.

Characteristics:

- Cartridge applied
- Fast curing
- Quick initial strength
- Filling characteristics, suitable for uneven surfaces
- Very high bond strength
- Waterproof D4
- Does not stain porous surfaces
- solventfree

Applications:

All bonding on wood
Bonding in the furniture industry
Manufacturing of door and window-frames, aluminium corner bonding
Bonding of insulation materials (including polystyrene)
Bonding of wooden construction elements

Packaging:

Colour: beige-white
Packaging: cartridge 310mL

Shelflife:

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

Surfaces:

Type: all substrates except PE,PP
State of Surface: clean, free of dust and grease
Preparation: 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: manual or pneumatic caulking gun. Bond parts together within 10 minutes. Materials may be clamped during curing process.

Application temperature: +5°C to +35°C

Clean: with acetone

Repair: with PU Construct

Safety recommendations:

Wear gloves. Apply the usual industrial hygiene.

Remarks:

We recommend initial trials in order to assess the suitability of the product for specific substrates.

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.