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**PRO 45P "Polyurethane"**

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**PU Timber Adhesive – Ultrafast Waterproof****Technical Data:**

Base	Polyurethane
Consistency	Liquid
Curing System	Moisture Curing
Open time*	10 min.
Clamping time	60-90 min.
Compression Strength	Ca 1kg/cm <sup>2</sup>
Specific Gravity	1,1g/mL
Water Resistance	D4 according to DIN EN 204
Temperature Resistance	-30°C until +100°C
Shear Strength	>10N/mm <sup>2</sup>
Solid Contents	95%
Coverage	Ca. 150mL/m <sup>2</sup>

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

**Product:**

PRO 45P is an ultrafast drying Polyurethane based wood adhesive with very high bond strength and excellent water resistance.

**Characteristics:**

- Professional quality
- Easy application
- Very fast drying time
- Foaming penetration action to fill bond cavities
- Powerful bond strength
- Water resistance: D4 (DIN EN 204)
- Can be used on humid wood

**Applications:**

Glueing of wood components  
Bonding MDF, plaster board, particle board, veneers  
Industrial bonding in furniture industry  
Manufacturing of window frames, door frames, etc  
Manufacturing of composite layer panels  
Bonding of insulation materials  
Fixing hard timbers (oak, teak, tropical woods)  
Construction adhesive in carpentry

**Packaging:**

Colour: brown

Packaging: plastic tub 750g, metal container 5kg

**Shelflife:**

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Do not expose to frost.

**Surfaces:**

Type: all substrates except PE,PP

State of Surface: clean, free of dust and grease

Preparation: slight moistening of surfaces improves curing rate and gap filling characteristics as adhesive foams up to penetrate cavities

We recommend a preliminary compatibility test.

**Application:**

Method: apply adhesive with a brush or an adhesive comb, join the parts and compress for ca 60-90 minutes

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

Clean: with white spirit, acetone

Repair: with PRO 45P

**Safety recommendations:**

Wear protective gloves.

Apply the usual industrial hygiene.

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.