SOUDAL

Technical Data Sheet

PRO 45P “Polyurethane”

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/cm²
Specific Gravity	1,1g/mL
Water Resistance	D4 according to DIN EN 204
Temperature Resistance	-30°C until +100°C
Shear Strength	>10N/mm²
Solid Contents	95%
Coverage	Ca. 150mL/m²

* This can vary according to environemental 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.

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