



The Glue People

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TradePUR Rapid-D4

Quick drying, waterproof polyurethane.

General Description

TradePUR Rapid-D4 is an ultra fast drying polyurethane based wood adhesive with a very high bond strength and excellent water resisting properties. The main characteristics of TradePUR Rapid-D4 include;

- Professional quality
- Easy application
- Very fast drying time
- Foaming penetration action fills the bond cavities
- Powerful bond strength
- Highly water resistant (D4 – DIN EN 204)
- Can be used on humid woods

Uses

- Gluing of wood components
- Bonding of MDF, plaster board, particle board, veneers, concrete, metals and most plastics
- Industrial bonding in the 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, etc)
- Construction adhesive in carpentry / joinery.

Application

Preparation

Surfaces must be clean, dry and free from any contaminants liable to impair adhesion. Slight moistening of substrates improves curing rate and gap filling characteristics as the adhesive foams up to penetrate cavities.

Method of application

Apply adhesive with a brush or an adhesive comb, join the parts and compress for 60 – 90 minutes.

Application temperature

+5°C up to +35°C.

Special comments

Not suitable for the bonding of polyethylene / polypropylene based materials.

Store between +5°C and +25°C in cool, dry conditions. DO NOT expose to humidity.

Physical Data

Base	Polyurethane
Colour	Brown
Consistency	Liquid
Curing system	Moisture cure
Open time (*)	10 minutes @ 20°C
Clamping time (*)	60 – 90 minutes
Compression strength	Ca 1 kg/cm ²
Specific gravity	Ca 1.10 g/ml
Water resistance	D4 according to DIN EN 204
Temperature resistance	-30°C up to +100C
Shear strength	> 10 N/mm ²
Solids content	95%
Coverage	Ca 150 ml/m ²
Shelf life	1 year when stored correctly.

(*) = dependant on temperature, humidity, substrate, etc.

Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- ? The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- ? Material Safety Data Sheet, TradePUR Rapid-D4.