

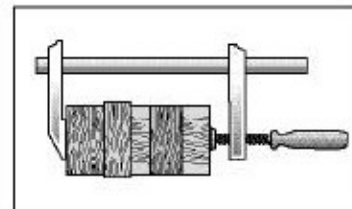
Technical Information

DORUS PU 301

Liquid Reactive Polyurethane Adhesive

Characteristics

- Moisture curing 1-component polyurethane adhesive
- Without solvent and water
- Long open time
- Hardens chemically forming a thermoset joint
- High water resistance in compliance with D4 as per EN 204
- High heat resistance
- Good chemical resistance (to weak acids, alkalines and most solvents)
- Excellent bond strength with coniferous woods
- relatively weak bond strength with hardwoods (e. g. oak, beech)



Fields of application

- General assembly work
- Joint gluing in the workshop and at the building site
- Suitable for bonding of wood, even lacquered, during window, shutter and door manufacturing
- Gluing of cork, HPL, cement fibre boards and hard foams to wooden materials, iron sheets, ceramics, cement floors, etc.

Please note:

For outdoor application the glued woodparts should be coated with a weatherproof lacquer, if exposed to sunshine and rain.

Technical data

Colour:	brown
Viscosity (Epprecht):	approx. 10 000 mPa·s (medium viscosity, good flow)
Solids content:	approx. 100 %

Instructions for use

Application device:	spatula
Application:	one side
Application amount:	50 - 200 g/m ² depending on surface characteristics
Open time:	approx 60 min
Pressing time	
with absorbent materials:	2 - 3 h at 20 °C
with non-absorbent materials:	ultimate strength after 24 - 48 h depending on temperature and humidity
Pressure:	to achieve an optimum joint 0.5 N/mm ² minimum

Cleaning

Not hardened glue remnants be removed with NC-based thinner, when completely hardened only with mechanical means.

Delivery form

4,8 kg carton (8 squeeze bottles à 0,6 kg)
10 kg PE canisters

Storage

Store in the original tightly closed container in a cool, dry place away from frost. Storage life up to 6 months.
Once opened the adhesive should be consumed in a short time.

Labelling

The safety datasheet should be respected!

07/2002

The information provided herein, especially recommendations for the usage and applications of our products, is based on our knowledge and experience. Due to different material used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regards to the required process and applications. We do not accept any liability with regards to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.