

# SUPERBOND-PU

## Polyurethane adhesive for powerful bonding

### Description

High-performance one-component, solvent-free polyurethane adhesive.

- Powerful bonding of all common building materials.
- Ready-to-use.
- Great aging and weathering properties.
- Resistance to temperature fluctuations from -30°C to +80°C.

### Fields of application

SUPERBOND-PU is used for powerful bonding applications. Provides excellent bond strength to wood, concrete, aluminum, tiles, etc. Also suitable for any wood construction and the wood furniture industry. Ideal for minor repairs.

### Technical data

Base:	polyurethane
Color:	white
Film formation:	25-30 min
Application temperature:	from +5°C to +30°C
Bond strength:	3.5 N/mm <sup>2</sup>
Tensile strength	14 N/mm <sup>2</sup>

### Directions for use

#### 1. Substrate

Substrate must be clean and free of dust, loose particles, grease, etc.

Spraying the surface with water will accelerate the development of bond strength.

#### 2. Application

The cartridge is inserted in the special hand gun and the nozzle is cut slantwise.

The adhesive is applied in beads or strips on one surface and then the two surfaces are joined together by applying firm pressure or by tapping with a rubber hammer.

### Cleaning:

While the material is still fresh it can be cleaned with acetone. If the material is hardened, it may be removed only with mechanical means.

### Consumption

Typical consumption: 1 cartridge/12 linear meters.

### Packaging

Cartridge 280 ml.

### Shelf life – Storage

12 months from production date if stored in dry and not high temperature conditions.

### Remarks

Initial hardening of SUPERBOND-PU at a thickness of 0.1 mm is achieved in 1-2 hours, depending on the temperature and humidity. Full bond strength will take 1-2 days to develop depending on environmental conditions (temperature, humidity), the thickness of the adhesive and the type of application.

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