

PU CLASSIC ®



PRODUCT DESCRIPTION

Professional, (Sea) Water resistant, 1-component polyurethane wood glue for interior and exterior. Also suitable for bonding wood in combination with other materials such as metal, concrete and plastic. Complies with BS EN 204 D4. Heat Resistant;

- Waterproof BS EN 204 D4;
- For indoor and outdoor;
- Weather and sea water resistant;
- Paintable;
- Solvent free.

DIRECTIONS FOR USE

Especially for waterproof and temperature resistant bonding and repair of structures and connections with very high requirements.

1. Installation of timber structures and connections of hard, soft and exotic wood species (eg, finger, swallow tails, pin and hole joints, dowels and springs), even if the parts do not fit perfectly.
2. Surface bonding and fabrication of sandwich panels (PU / PS foams with plywood or hard plastic plate).
3. Gluing wood to stone, concrete, cellular concrete, metal and various plastics.

D4: Suitable for indoor use, the adhesive joint regularly or consistently prolonged exposure to water may be. Also suitable for outdoor use, the adhesive joint may be exposed to weather, if protected by an appropriate coating.

PROCESSING

Surface processing: The sections should be glued are clean and free of grease. Any degreasing BIJLARD VERDUNNER, MEK or acetone. One sticking materials must be porous, otherwise the glue cures not. Non-porous materials roughening.

Revision glue: None.

Tools: Direct from the spray bottle with werkdop application. May still apply with a brush or trowel. Tools immediately after use with BIJLARD THINNER, MEK or acetone.

Method: glue evenly and thinly on an application of the parts.

Processing Conditions: The temperature of the workspace, the glue and the gluing material may not be less than +5°C. The moisture content of wood must not exceed 30%. Wearing rubber or plastic gloves are recommended.

Open time1: ca. 60 minutes.

Total curing time: at normal humidity. Fully cured after 24 hours.

Consumption: 2-4 m2/kg unilaterally raised.

Instructions: The glue evenly and sparingly to one of both parts. Bring the parts together between the open time and clamp or press for at least 8- 12 hours. As the glue hardens under the influence of humidity is reached vial perishable. After use, therefore, highly efficient sealing.

Pressure: 0.5 to 5 kg/cm2.

Perstijd1 (+20°C): 8-12 hours.

1 Depending on quantity applied adhesive, wood moisture content, temperature, and the structure and porosity of the material.

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PROPERTIES

Moisture resistance: very good (waterproof, meets BS EN 204 D4).

Temperature resistance: -20° C to +125° C.

Severability Verdun: the glue should not be diluted.

Frost resistance: moderate. If the glue is frozen, then slowly thaw well-heated room (not near a heat source). After well stirring. When the glue has reached back to normal thickness, it is usable again. It is advisable to first test a little glue to do.

Frost resistance: good.

Chemical resistance: good.

Filling capacity: well, fill in pasverschillen by foaming. More foam gives weaker link.

Complies with: BS EN 204 D4.

TECHNICAL DATA

Adhesive type: polyurethane, moisture curing.

Basic material: polyurethane prepolymer.

Colour: Light brown transparent.

Solid content: > 99%.

Density: 1.12 ±0.02 kg/ m³.

Viscosity: ca. 4000 mPa.s bij +20° C.

Flash point: K2 (21° C - 55° C).

SHELF LIFE

PU-CLASSIC can be processed until 12 months after production if stored in tightly closed container at temperatures between 10° C and 20° C. Opened perishable bottle. Close container after use very well because the glue hardens under the influence of humidity. Always processed in the order received (FIFO).

CLEANING

Wet glue stains immediately removed with the MEK. Dry glue spots are only mechanical means.

PACKAGING

500 gr bottle, 5.5 kg tin, 25 kg jerrycan, 220 kg drum.

Our processing advice is based on extensive research and practical experience. We can accept no liability for the results obtained and / or any damage resulting from the use of this product because of the wide range of materials and circumstances in which the glue is used. Nevertheless we would be pleased to advise you.

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