

Propellerleim PU

Single component glue based on polyurethane for strong gluing. Ready for use. Transparent for invisible joints.

Art. no.: A 1625

Application areas:

Propellerleim PU is suitable for the gluing of wood, wood material and other porous materials with one another; for the construction of windows and doors, for gluing of layers, especially also in exterior areas for MDF-sheets, mineral boards, ceramic, concrete and hard foam, metal and plastic.

For professional use.

Properties:

Propellerleim PU is a single component glue based on polyurethane according to DIN specification EN 204/D4. For force-fit gluing with high resistance to thermal distortion, joint-filling. Propellerleim PU hardens by exposure to moisture.

If the ambient air is very dry (e.g. at very low temperatures), please add moisture.

The curing of the glue results from a reaction with moisture in the air or with remaining moisture within the substrate. This leads to a slight increase in volume of the glue due to the formation of CO₂. Product is tested according to DIN EN 204-D4 and WATT 91 (80 °C).

Propellerleim PU has extraordinary adhesion, can be sanded, coated, painted, is solvent-free, odorless, water and weather resistant and resistant against many chemicals.

Technical Data:

Base	: Polyurethane
Viscosity	: ca. 2000 mPas
Density	: ca. 1.23 g/cm ²
Curing	: by reaction with moisture
Open Time	: ca. 20 minutes
Processing temperature	: usually at +5 °C to 60 °C, 20 °C recommended
Storage	: if possible not over 25 °C
Storable	: at least 6 months at 15-20° C
Temperature stability	: +110° C
Wood moisture	: 8-12 %
Clamping	: with normal clamping tool; pressure no less than 0.6 N/mm ²
Clamping times	: at 10°C ca. 60 min. at 20°C ca. 40 min. at 40°C ca. 30 min. at 60°C ca. 10 min.

Own testing necessary. Further processing after 2-3 hours.

Special Note:

For the entire area of the EU including Germany the following applies:

If the products we produce according to your specifications are being delivered to **private end-users**, the following **special note** will have to be mentioned on the packaging of the product, according to the regulations REACH, appendix XVII 56:

“The product can cause allergic reactions for persons already sensitized to diisocyanate.

Avoid contact with this product, including skin contact, if asthma, eczema or other skin problems exist.

Do not use this product with insufficient ventilation or wear protective mask with corresponding gas filter (type A1 according to EN 14387).”

Labeling:

XN = Harmful

R20 Harmful by inhalation.

R36/37/38 Irritating to eyes, respiratory system and skin.

R42/43 May cause sensitization by inhalation and by skin contact.

R40 Limited evidence of a carcinogenic effect.

R48/20 Harmful: possible risk of irreversible effects through inhalation.

Safety Precautions:

Keep out of the reach of children. Do not inhale vapor / aerosol. When processing wear suitable protective gloves and protective clothing. In case of an accident or if feeling unwell contact a doctor immediately (if possible show this sheet).

Other regulations, restrictions and prohibition decrees:

Observe the limitations on the employment of adolescent persons.

Observe the limitations on the employment of pregnant and nursing women.

Medicine on employment, policy G27: “Isocyanate”

BG bulletin M 044 “production of polyurethane / isocyanate”

Danger class:

GGVS/GGVE/ADR: not hazardous goods

WGK (water hazard class) = 1: Classification according to appendix 4 VwVwS

Flash point: greater than 180° C

Consumption: ca. 100-180 g/m², depending on the type of wood

Supply units:

615 g bottle (16 pieces in a carton)

6 kg canister

24 kg canister

Cleaning of tools:

Clean immediately after use with acetone or cleaner. Can only be cleaned mechanically if fully hardened.

Storage:

Can be store about 6 months at 20° C. Store cool and dry, protect against moisture.

Disposal:

Well emptied containers (drip free) can be disposed of as commercial waste. Small amounts of fully hardened glue are not hazardous waste. Waste key: 57 11 0
Liquid residue should be allowed to harden (commercial waste/household waste) or disposed of as hazardous waste. Waste key for liquid residue: 55 90

Service:

Our service team for application technology is available to you at any time without obligation.

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The information given within is without obligation and is based on practical experience as well as on experiments which we have carried out and are not attribute guaranties in the sense of the newest BGH legal requirements. We recommend that in any case users carry out their own tests since we have no influence over the large diversity of materials and their processing. No liability for the manufacturer can be derived from the contents of this data sheet. Statements going beyond or deviating from the contents of this data sheet require the written confirmation of the company headquarters. Our General Terms & Conditions apply in any case.

With the release of this Technical Data Sheet all previous versions become obsolete.