

PURWELD® 1202

Fast curing one-component PUR adhesive for achieving high bond strength in the general assembly of wooden structures.

Fields of application

General assembly applications, laminated solid wood parquet, sandwich panels and wooden structures for outdoor usage.

- Good adhesion on many exotic hardwoods, softwoods and building boards/panels.
- Weather-proof bonding due to high temperature and water/moisture resistance; complies to JAS Plywood Type 2 performance.
- Heat resistance up to 120 °C.
- 100 % solids content.
- Good aesthetic value due to transparent glue line.
- Solvent and formaldehyde free; complies with JAIA F****
- D4 and WATT 91 approved

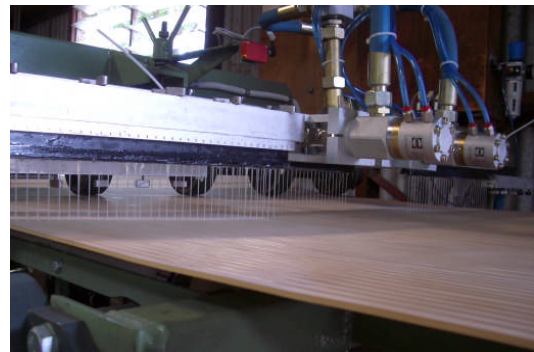
Product data*

Chemical composition	Isocyanate prepolymer
Assembly time	20 minutes
Curing time	50 minutes
Consistency	free flowing
Viscosity Brookfield (20°C)	approx. 5000 mPa.s (cps)
Color	brown
Density	approx. 1125 kg/m ³ (9.18 lb/gal.)
Solids content	100 %
Flammability	low
Chemical resistance	against weak caustics, acids and solvents
Packaging	200 kg drums 1100 kg IBC container
Storage	1 year dry at 20 °C (70 °F), note expiration date.
PURWELD 1202 is manufactured solvent- and formaldehydefree. (Reg-Nr: Applied for F****).	
* Data at standard climate 20 °C/65 % RH	

Application guideline

- Coating weight: 70 – 300 gsm depending on substrate type and surface condition.
- Wood moisture content: 8 – 18 %, can be used at higher wood moisture content (i.e. green wood) which may result in shorter open assembly time.
- Assembly time: not more than 20 minutes at ca. 20 °C, 65 % RH, 12 % wood moisture content.
- Curing time: minimum 50 minutes at ca. 20 °C, 65 % RH, 12 % wood moisture content.
- Bonding surface: clean and dust free. To achieve optimum bonding results, please ensure a tight-fitting joint; less than 0.3 mm is recommended.

- Optimum bonding results at an ambient temperature between 20 – 30 °C of the wood and adhesive.
- Some foaming of the adhesive may be observed at or around the joints, the cured adhesive that squeezed out may be scraped off and sanded away to provide clean timber joints.
- Do not leave containers open for prolonged periods of time.
- Cleaning: use designated PUR cleaning material.



Safety and Clean up

See Material Safety Data Sheet (MSDS) of PURWELD 1202. Available from Purbond.

Safety: Purbond strongly recommends to wear protective gloves – *PURBOND Arbeitshandschuhe / Handling gloves* – and protective goggles when handling the liquid adhesive.

Clean up: For the removal of cured adhesive on equipment and machinery, Purbond recommends *PURBOND Löser / Solvent*. Before cleaning, please make sure that the parts are resistant to *PURBOND Löser / Solvent*. When handling the solvent, chemical resistant *PURBOND Reinigungshandschuhe / Cleaning Gloves* and protective goggles must be worn.

Additional information

This information is based on the test results of our Purbond application laboratory and our customers' experience.

Purbond guarantees a consistent quality of this product which is manufactured in accordance with ISO 9001 / ISO 14001 guidelines.

The product was found suitable for all applications and uses listed above; for other uses or applications Purbond strongly suggest you to contact our technical support staff.

In general the sales and delivery conditions of Purbond AG apply.