



**Maxitek D4 PU Liquid Adhesive is an all-purpose fast-setting wood adhesive suitable for a wide range of internal and external applications, including timber window and door manufacture, furniture making and all critical bonding applications.**

**Benefits:**

- Solvent-free
- Liquid formula allows fast coverage over large areas, can be applied by brush or spreader
- D4 waterproof - including sea water
- Depending on the materials to be bonded joints can be handled between 5 - 15 minutes after application
- Overpaintable
- Gap filling

**Versatile:**

Bonds all types of wood and engineered timber to itself and a wide range of substrates without the use of mechanical fixings. Maxitek D4 PU Liquid Adhesive requires one substrate to be porous when making bonds with most metals and other non-porous substrates.

At Maxitek, we understand you need total confidence that the adhesive you are using can withstand extreme environmental conditions. Maxitek D4 PU Liquid Adhesive creates a high-strength permanent bond quickly, with most materials and applications. It is fully waterproof to EN 204 D4 and has excellent weathering and aging properties. Maxitek D4 PU Liquid Adhesive is also resistant to chemicals and temperatures within the range of -30 - 150°C.

**Limitations:**

Not suitable for Polyethylene, Polypropylene, Nylon or Teflon. Moisture content of wood must not exceed 30%. Materials must always be clamped during curing.

### Instructions for use:

Maxitek D4 PU Liquid Adhesive can be applied using a brush, spreader or liquid bead.

#### Substrate preparation/priming:

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants.

#### Application:

1. Cut the tip of the applicator nozzle to achieve the desired bead width.  
2. Apply Maxitek D4 PU Liquid Adhesive to one of the

surfaces to be bonded and assemble the bond within five minutes. For large areas, using a brush or spreader may achieve a more even coating of the adhesive.

3. Apply pressure to the bond, preferably with a clamp.  
4. The product foams on application to fill any small gaps.  
5. Clean away any excess adhesive immediately.  
6. Components may be handled between 5-15 minutes of being bonded. Full cure is achieved after 24 hours.

**NB One of the substrates to be bonded must be porous/permeable.**

### Technical Data:

Base	Polyurethane	Handling Time	5-15 minutes
Appearance	Brown liquid - dries light beige	Cure Time	Fully cured after 24 hours
Application Temperature	5-30°C	Viscosity	4000cps
Temperature Resistance	-30-150°C	Storage	5-25°C
Coverage	8-10m <sup>2</sup> /litre	Environmental	See MSDS
Shelf Life	12 months from date of manufacture	Packaging	Maxitek D4 PU Liquid Adhesive is packaged in a 1 litre plastic poly bottle

### Important Notes:

**Temperature and timings:** All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact Maxitek for advice if you wish to operate outside of these parameters.

**Storage and handling:** The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf-life. The adhesive will have a limited life once the container is opened.

**Disclaimer:** Maxitek has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact Maxitek to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.

