



Maxitek D4 PU Gel 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
- Nozzle allows precise application
- Gel formula will not drip or run - even when inverted
- D4 waterproof - including sea water
- Joints can be handled after just 5 minutes
- 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 Gel 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 Gel 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 Gel 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 Gel Adhesive is a cartridge-applied gel PU wood adhesive.

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 cartridge and screw on the nozzle.
 2. Cut the nozzle to an angle of 45 degrees.
 3. Fit Maxitek D4 PU Gel Adhesive into the cartridge gun.

4. Apply Maxitek D4 PU Gel Adhesive to one of the surfaces to be bonded and assemble the bond within five minutes.

5. Apply pressure to the bond, preferably with a clamp.
 6. The product foams on application to fill any small gaps.
 7. Clean away any excess adhesive immediately.
 8. Components may be handled after 5 minutes of being bonded. Full cure is achieved after 12 hours.

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

Technical Data:

Base	Polyurethane	Handling Time	5 minutes
Appearance	Translucent (neutral gel) - dries white	Cure Time	Fully cured after 12 hours
Application Temperature	5-30°C	Viscosity	Viscous/Thixotropic
Temperature Resistance	-30-150°C	Storage	5-25°C
Coverage	12 Linear metres 5mmx5mm bead	Environmental	See MSDS
Shelf Life	12 months from date of manufacture	Packaging	Maxitek D4 PU Gel Adhesive is packaged in a 310ml cartridge

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.

