

BASE	TECHNICAL DATA SHEET	PRODUCT
Polyurethane	Timbond PU Adhesive	Rapid
SOLIDS  100%	<p><b>Description</b></p> <p>A one-part, cartridge-loaded, solvent free, fast setting, moisture curing polyurethane, thixotropic gel. Specially formulated for high performance water-resistant bonds between a wide range of materials. The thixotropic nature of the gel prevents slumping and gives a level of gap filling to the bond.</p> <p><b>Applications</b></p> <p>Timbond PU Adhesive Rapid has excellent adhesion to wood, chipboard, polyurethane, mineral wool, concrete, stone, bricks, gypsum boards and all traditional porous substrates and can be used in a wide range of bonding applications.</p> <p>It is ideal for all types of wood bonding and joinery, bonding wood constructions, boats, jointing sandwich panels and insulation as well as many other applications.</p> <p>At least one of the surfaces to be bonded must be porous to allow moisture to reach the adhesive and effect the cure. Cure can be assisted by slightly moistening one surface with a damp cloth but not over wet.</p> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>– Fast setting 5 minute system</li> <li>– Non slumping, ready to use gel</li> <li>– Solvent free</li> <li>– Totally Non Flammable</li> <li>– Fully waterproof to EN 204 D4</li> <li>– High performance bonds between a wide range of materials</li> <li>– Excellent weathering and aging properties</li> <li>– Foams slightly to fill gaps</li> <li>– Excellent chemical resistance.</li> </ul>	
VISCOSITY  Thixotropic Gel		
COLOUR  Translucent		
TACK LIFE  5 minutes		
COVERAGE  N/A		
CLEANER  Solvent 4		
FLASH POINT  Non Flammable		
SHELF LIFE  12 months		

## **Typical Applications**

- Wood jointing and construction
- Window and door frame manufacture
- Door manufacture
- Furniture manufacture
- Staircases
- Structural panel jointing
- Insulation bonding
- Boat building

NB. Not suitable for polyethylene, polypropylene and other low surface energy materials

## **Method of use**

**Note: At least one of the surfaces to be bonded must be porous and ensure surfaces are always clamped during cure.**

The surfaces to be bonded must be clean and free from dust and other contaminants.

## **Cartridge application.**

1. Cut tip of the cartridge and screw on the nozzle. Cut nozzle to an angle of 45 degrees.
2. Apply the adhesive, using a standard cartridge gun to one of the surfaces to be bonded and assemble the bond immediately (within 5 minutes).
3. Apply pressure to the bond, by means of a clamp.
4. The product will foam slightly on application to fill any small gaps.
5. Clean any excess adhesive immediately.