

BASE	TECHNICAL DATA SHEET	PRODUCT
Polyurethane	<b>Timbond PU Adhesive</b>	Standard
SOLIDS	<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 Standard has an 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 wooden 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 slight 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 30 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 products</li> <li>– Excellent weathering and aging properties</li> <li>– Foams slightly to fill gaps</li> <li>– Excellent chemical resistance</li> </ul>	
100%		
VISCOSITY		
Thixotropic Gel		
COLOUR		
Translucent		
TACK LIFE		
30 minutes		
COVERAGE		
N/A		
CLEANER		
Solvent 4		
FLASH POINT		
Non Flammable		
SHELF LIFE		
12 months		

Continued over page  
Page 1 of 2

**Important notice**

This leaflet is for general guidance only and may contain inappropriate information under particular conditions of use. All recommendations and suggestions are therefore made without guarantee.

## 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 bond must be porous and ensure surfaces are always clamped during the 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.

Appearance	Translucent thixotropic paste
Total solids	100% (solvent free)
SG	1.03
Viscosity	Tixotropic gel
Skinning Time	30 minutes @ 23°C and 50% RH
Temperature Resistance	-30°C to + 100°C
Application Temperature	5°C to 35°C

## Storage

Shelf life            12 months in unopened containers stored between 10 and 25°C

The above figures do not constitute a specification. They represent typical values obtained for this product.

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## Health and Safety

Before using this product please ensure that you have been supplied with and have read carefully the following information.

1. The hazard labels (complying with CHIP and CDG/CPL Regs).
2. Apollo Material Safety Data Sheet Timbond PU Adhesive