

Timbond 30 Min Gel Polyurethane (PU) Adhesive



Waterproof to EN204 D4



For internal and external use



Exceptional bond strength

Product description

A single-part, moisture curing polyurethane, thixotropic gel dispensed via a cartridge-system. Designed for creating waterproof bonds between a wide range of materials including almost all construction materials. As the adhesive is gel it is a non-drip adhesive which gives a level of gap filling to the bond line.

Timbond PU Adhesive has excellent adhesion to wood, chipboard, polyurethane, mineral wool, concrete, stone, bricks, gypsum boards, all traditional porous substrates and can be used in a wide range of bonding applications.

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.

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.

Directions for 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 30 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 with solvent 4. Cured adhesive will be difficult to remove, however soaking for long periods can assist.

Packaging

Available in 310ml cartridges.

Storage

12 months shelf life in unopened cartridges stored between 10°C and 25°C.

Benefits

- Quick Setting 30 Minute System
- Non slumping, ready to use gel
- Solvent free
- Totally non flammable
- Fully waterproof to EN 204 D4
- High performance bonds between a wide range of materials
- Excellent weathering and aging properties
- Foams slightly to fill gaps
- Excellent chemical resistance

Suitable for:

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

NB. not suitable or polyethylene, polypropylene and other low surface energy materials.

Technical data

Base	Polyurethane	Application Temp.	5°C to 35°C
Solids	100%	Tack Life	30 minutes
Viscosity	Thixotropic Gel	Skinning Time	30mins @ 23°C & 50% RH
Coverage	N/A	Cleaner	Solvent 4
Colour	Translucent	Flashpoint	Non-flammable
Appearance	Translucent Thixotropic Gel	Shelf Life	12 months
Temp. Resistance	-30°C to 100°C		

IMPORTANT NOTICE: This datasheet is for general guidance only and may contain inappropriate information under particular conditions of use. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.