

Timbond 5917 PU Adhesive



Solvent free



Versatile



Resistant to high and low temperatures

Benefits

- Fast setting
- Easy to apply, with many options for ways of applying
- Ideal for many different applications

Typical applications:

- Panel fabrication: Structural insulated panels (SIPs), Architectural panels intended for walls, roofs, home extensions, in-fill panels and modular buildings
- Outdoor Joinery

Bonds wide range of construction materials including:

- Wood
- Plaster
- Plasterboard
- Cement board
- GRP
- OSB
- Metal
- Bricks
- Concrete
- Extruded or expanded polystyrene (ESP)
- Mineral wool
- Fibre cement
- Chipboard panels
- Steel sheets
- And more!

Product description

Timbond 5917 is a quick setting one part polyurethane (PU) based moisture curing (MCPU) adhesive, developed for a wide range of applications.

Directions for use

Surface preparation

Substrates to be bonded should be perfectly clean, dry and free from dust, grease or any other contaminants that could adversely affect the bonding performance.

Application

The adhesive is applied on one of the substrates to be bonded with a brush, glue roller, trowel, scraper or an automatic bead-applicator. One of the materials to be bonded must be porous or contain moisture.

In case of two non-porous materials, spray a light water mist (10 to 15 g/m²) onto the adhesive film. The setting time depends on hygrometry and temperature.

Assembling has to be followed immediately by a uniform pressure applied across the entire surface. A strong pressure is not necessary but the materials must stay in full contact during setting time.

Consumption

120 to 250 g/m² according to the materials to be bonded.

Packaging

Available in: 22kg, 1000kg.

Storage

12 months in closed original packaging stored in dry premises between 5 and 25°C.

Cleaning

Application equipment should be cleaned with solvent 6 while adhesive is still wet.

Technical data

| | | | |
|----------------------------|---|----------------------|-------------|
| Viscosity [25°C] | 3500 – 4500 mPa*s | Open time | 15 – 25 min |
| Density [25 °C] | 1,1 – 1,2 g/cm3 | Pressing time | 3 - 5 hour |
| Bonding temperature | Min. 15°C Optimal 20°C Do not use below 5°C | Colour | Brown |
| | | Cleaning | Solvent 6 |

| | 7.5°C | 10°C | 12.5°C | 15°C | 17.5°C | 20°C | 22.5°C | 25°C |
|-------------------------|-------|------|--------|------|--------|------|--------|------|
| Open time [min] | 26 | 23 | 21 | 18 | 17 | 16 | 14 | 14 |
| Press time [min] | 78 | 70 | 62 | 55 | 50 | 47 | 43 | 43 |

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.