Timbond 5 Min Polyurethane (PU) Adhesive

Rapid setting

Waterproof to EN204 D4

Exceptional bond strength

Benefits

- Fast setting 5 minute liquid system
- Solvent free
- Totally non flammable
- Fully waterproof to EN 204 D4
- High performance bonds between a wide range of products
- Excellent weathering and aging properties
- Foams slightly to fill gaps
- Excellent chemical resistance.

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.

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.

Product description

Timbond PU Adhesive rapid is a liquid moisture curing single part polyurethane adhesive.

Specifically designed for a wide range of applications in the woodworking and construction industries. It will create excellent bonds in most joinery and furniture applications including the manufacturing of windows, doors and stairs. Ideal for a permanent waterproof bond that will not breakdown under all weathers.

Directions for use

Any materials to be bonded should be clean and free from dust, grease and other contaminants. A test bond should always be prepared when new materials are to be used establish the adhesives compatibility.

The adhesive is applied by an adhesive hand roller, disposable brush or directly from container. Apply to one surface only of each glue line.

The amount required will vary according to how porous the substrates are and the means of application but will normally be in the range 80 – 140 grams per square meter.

Once the adhesive has been applied it can be over-misted with water, (excessive amounts of water should be avoided). The two components can then be assembled as soon as possible and placed under pressure within the open time of the adhesive.

Clean down

Timbond PU Adhesive Rapid when uncured can be removed with Solvent 6.

Cured product will prove very difficult to remove, however soaking for long periods can assist.

If using with an applicator such as a roller clean thoroughly with Solvent after use.

Storage and handling

Timbond PU Rapid will have a storage life in excess of six months, provided the containers are stored unopened in a dry place at a temperature between 4°C and 25°C. Because Timbond PU Rapid is a moisture sensitive adhesive if the container is left open the adhesive will eventually gel.

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. Timbond Material Safety Data Sheet Rapid.

Packaging

Available in 1.1 ltr bottles.

Technical data

Base	Polyurethane
Solids	100%
Viscosity	4000 ± 500 cps @ 25°C
Colour	Brown
Open time	5 mins @ approx. 20°C
Cure time	10-15 mins @ approx. 20°C / 24 hr full cure
Coverage	Up to 12.5m² per kg
Cleaner	Solvent 6
Flashpoint	See MSDS
Shelf Life	6 months

Adkwik, Unit F Dales Manor Business Park, Grove Road, Sawston, Cambridge, CB22 3TJ
T: 01223 412373 | technical@adkwik.co.uk | www.adkwik.co.uk