

TIMBATECH PU15

FAST SETTING SANDABLE POLYURETHANE ADHESIVE

DESCRIPTION

TimbaTech PU15 is a one component quick setting Polyurethane Adhesive that reacts with humidity to cure. Fully cured TimbaTech PU15 has a strong highly water resistant bond (D4 classification) and is also suitable for the marine environment where the glue line is protected.

TYPICAL USES

TimbaTech PU15 has excellent adhesion to all timber substrates.

TimbaTech PU15 has proved a good adhesive for bonding difficult species of timber such as spotted gum. Attention to detail in preparation and process is essential when bonding difficult dense timbers.

ADVANTAGES

- Superior Bond Strength
- No Mixing
- Fast Setting
- Extremely Versatile
- Resists Low Temperatures
- Highly Water Resistant

APPLICATIONS

- Surface must be clean, dry, even and free from grease.
- Apply in beads.
- Bring both substrates immediately together and clamp, to apply pressure for about 60 minutes. It's not necessary to have a high pressure but a constant one on the entire surface is essential. The surfaces should remain in contact during the curing time.
- TimbaTech PU15 expands slightly thus filling any irregularities in the substrate.

Note

- TimbaTech PU15 is designed as an adhesive.
- Thick glue lines and filling of irregularities and voids greatly compromise the integrity of the bond.

PROPERTIES

Product Type	:	Moisture cure, Polyurethane Adhesives
Specific Gravity	:	1.03 +/- .03
Color	:	Uncured = Dark Brown Cured = Brown
Skimming @ 23 °c & 50% RH	:	3 minutes Approx
Initial Set	:	15 minutes
Full Strength	:	24 hours
Pressing Time	:	15 min @ 0.6 N/mm ²
Use Temperature	:	+5°C to 35°C

- Initial set within 60 minutes full cure within 24 hours. This can be affected by changes in air temperature and humidity as well as the moisture content of the items being bonded.
- Do not clean up, squeeze out while wet. Allow to cure and remove with a blade or similar.
- Avoid skin contact. Wear gloves when using these products. (Preferably disposable)
- These product stay slightly flexible after full cure to allow different materials being bonded together to expand & contract at different rates without effecting bond strength!
- 12 month self life from date of manufacture in unopened containers, stored out of direct sunlight.
- **TimbaTech PU15** is an adhesive not a sealant. Do not use where flexibility is a major requirement.

HEALTH AND SAFETY

Please refer to Material Safety Data Sheet available on our Website www.timbatechsolutions.com

OTHER TECHNICAL INFORMATION SPECIFIC TO THIS ADHESIVE

Adequate tests should be carried out on any new or unfamiliar applications to ensure this product is suitable for the specific task.

Samples are available free of charge to assist this procedure.

Material Safety Data Sheet available on request.

Disclaimer – The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself our product's suitability for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical advisory service, which is rendered free of charge and without obligation