

TIMBATECH 06

PREMIUM CLEAR MELAMINE ADHESIVE

DESCRIPTION

TimbaTech06 is a specially formulated water based adhesive designed to bond non porous substrates to a porous substrate.

FEATURES AND BENEFITS

- Fast Setting
- Clear Glue Line
- Water Based and Non Flammable

APPLICATIONS

TimbaTech06 primary purpose is for the bonding of synthetic laminated board (Melamine Board) to timber, particle board, Craft wood and other porous surfaces.

It can also be used to bond a variety of porous materials such as timber, particle board, MDF board and Craft wood to a range of non porous substrates.

(It is recommended trials should be carried out to establish suitability on substrates other than melamine board)

Bonding Melamine faced board to raw board.

It will bond variety of non porous surfaces to porous surfaces. (Trials should be conducted to ensure suitability of the application.)

SURFACE PREPARATION

Wood surface to be glued must be clean, dry, and free of dust, oils, grease and all finishes.

Substrates should be freshly machined to maximize the glues wetting out of the timber.

Joints should be close fitting.

The work area, glue and substrates for bonding should be a minimum of 15°C.

The moisture content of the wood should be between 8 to 12%.

APPLICATION INSTRUCCIONES

TimbaTech06 is a single pack system and should be used as supplied.

Adhesive should be applied to one surface and the joint should be assembled immediately.

It is recommended with particle board due to the porous nature of the raw board

That the surface be primed ie TimbaTech06 should be applied in a bead and rubbed into the end grain of the particle board. Then a further bead should be applied and the joints assembled.

In the dowel application, the adhesive should be run on the laminate surface and inserted into the dowel holes.

Note. Optimum bond strength is obtained after 24 hours.

PROPERTIES

Appearance
Product Characteristic

White Emulsion
Single pack

Solids Content	High
PH	5.0 – 5.5
Rheological Characteristic	Thyrotrophic
Minimum Use Temperature	5°C
Assembly Time	20 minutes @ 25°C
Clamp Time	Minimum 4 hours
Bond Strength	Extremely High - Tears melamine coating from board when fully cured.
Storage @ 25°C	12 months
Clean Up	Prior to drying water

PRECAUTIONS

Be careful to work within the assembly time particularly in temperatures over 30°C.
Be careful not to clamp with too much pressure and forcing the adhesive off the smooth face of the melamine and starving the joint of adhesive.

CLEAN UP

Wipe excess glue from joints with clean wet cloth before glue has set.

STORAGE AND HANDLING

- **TimbaTech06** should be stored in a cool environment off concrete floors.
- Shelf Life is 12 months at 25°C in unopened containers.
- Always reseal container after use.

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