

TIMBATECH 09 PRESSING ADHESIVE

DESCRIPTION

TimbaTech09 is a fast setting, high performance, modified cross linking PVA adhesive that develops exceptional bond strength, good heat and water resistance.

TimbaTech09 is suitable for applications such as veneering, panel door manufacture, pressing and post forming.

FEATURES AND BENEFITS

- Designed to cure with accelerated heating i.e. Hot Press
- Excellent heat resistance
- Fast Setting under Heat – Conforms to EN 204.03
- Good water resistance
- Extended working time in Glue Spreaders
- Single Pack
- Water based and non flammable

APPLICATIONS

Ensure adequate tests are conducted before using commercially. Mix thoroughly before use. Please note some timbers such as Blackwood and Beech may be susceptible to stain development and discolouration from adhesives, which are acidic in nature (low pH).

TimbaTech09 is slightly acidic. Use of adhesives in very cold conditions may result in poor film formation with powdery glue line. Do not use in environments that are below 10°C during the cure process.

SURFACE PREPARATION

Surfaces must be clean, dry and free from oil, and dust and other foreign materials.

APPLICATION INSTRUCTIONS

Ensure the surfaces are clean, dry and free from oil, and dust and any other contamination. The moisture content of the timber should be in the range of 9 - 12°C

TimbaTech09 is suitable for roller application. Tests should be carried out to determine application rate on each species of veneer as this could vary depending upon absorption rates.

An indicative rate to achieve a good bond is 160 - 190 g/m²

PROPERTIES

Type	Modified Cross linking PVA
Viscosity	Medium
pH	3-3.5

VENEER AND PRESSING APPLICATIONS

Recommended pressing platen temperature is 90 -105°C for *approximately 45 - 60 second at pressures between 4 - 6 bar*. Variation in timber species, moisture content and veneer thickness will affect the cure rate of the **TimbaTech09**. It is recommended that tests be conducted to confirm suitability.

POST FORMING APPLICATIONS

TimbaTech09 is suitable for use in static and flow-through applications. Pressing time and temperature will depend on the type of press, thickness and colour of the laminate and atmospheric conditions. Tests should be conducted to determine suitable pressing time and temperature.

PRECAUTIONS

Ensure a fine spread of adhesive on the board when pressing fine timber veneers to minimise bleed through and discoloration of the veneer when sprayed with a finish.

Please note some timbers such as Blackwood and Beech may be susceptible to stain development and discoloration from adhesive, which are acidic in nature (low PH) such as **TimbaTech09**.

CLEAN UP

Clean up excess and equipment with water prior to PVA setting. After curing, strong solvents such as Acetone may be required, to remove the dried film.

STORAGE AND HANDLING

Keep containers sealed and store out of direct sunlight. Do not store directly on concrete.

STORAGE LIFE

Typically 9 months at 25°C in the original sealed plastic container.

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