

TIMBATECH 01

EXPRESS ASSEMBLY GRADE PVA

DESCRIPTION

TimbaTech01 is a Fast Setting High Solids PVA Emulsion adhesive which exhibits good bond strength when dried at normal or elevated temperatures.

FEATURES AND BENEFITS

- Very Fast Setting PVA Adhesive
- Short Clamp Time
- Water Based and Non Flammable

APPLICATIONS

TimbaTech01 is an excellent adhesive for general timber assembly and laminating. Water based and non flammable.

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 INSTRUCTIONS

TimbaTech01 is used as supplied. Ensure surface to be bonded are clean, dry and free from oil, dust and any other contamination. Joints should be close fitting. Apply glue to one surface at a coverage rate to ensure wetting out of both surfaces to be joined. Press/clamp while adhesive is still wet.

TimbaTech01 has a very short assembly time in hot weather, so pressure needs to be applied to the joint assembly within the 'open' time. This will vary with the density, 'wet-out' characteristic, moisture content of the substrates, and the atmospheric conditions occurring when gluing. Low temperature, damp conditions will extend the clamp time required.

PROPERTIES (at 25°C and 50% RH)

Solids - High

Type – Unfilled PVA

Viscosity 5000 cps

Assembly Time 5-10 minutes

Clamp Time – 2 to 3 hours depending on ambient temperature and moisture content of substrates

Toxicity – Non Toxic

PRECAUTIONS

Be careful to work within the assembly time particularly in temperature above 30°C.

PROCEDURES FOR USE

Ensure all surfaces to be bonded freshly machined, clean dry and free off all contaminations.

Apply **TimbaTech01** to one surface only and clamp assembly while adhesive is still wet.

Remove clamps when squeeze out from the glue line is cured.

This will vary depending on temperature conditions and the moisture content of the material being bonded.

Any squeeze out of adhesive from the joint can be removed with a clean damp cloth prior to setting or sanding after complete cure.

CLEAN UP

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

STORAGE AND HANDLING

Store in unopened sealed plastic containers in warehouse conditions and in a warm environment in winter months.

STORAGE LIFE

Typically 12 months at 25°C

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