

Craftwood® PVA Adhesive

Trade Essentials Craftwood PVA Adhesive is a unique water based adhesive which has been specifically formulated to complement the high quality properties of Craftwood MDF. Craftwood PVA has fast 'wet tack', is quick drying and has excellent machining and sanding properties. The bonds formed are very strong, heat and moisture resistant and the glue line will accept the stains and lacquers recommended for Craftwood.



APPLICATIONS

Craftwood® PVA Adhesive is used for the assembly and joining of Craftwood for furniture and cabinet making, and laminating Craftwood for turning and shaping.

PROPERTIES

Colour	Yellow Liquid
Solids	High (approx. 48%)
pH	3.3
Viscosity	Medium (4,500 cps)
Open Assembly Time	5 mins. maximum at 20°C
Closed Assembly Time	10 mins. maximum at 20°C

DIRECTIONS

Craftwood PVA may be applied via brush, roller or squeeze bottle. It is also suitable for use on powered roll glue spreader and is suitable for use with hot or cold presses.

- All surfaces to be bonded must be clean, dry and free from dust, oil, grease etc
- MDF moisture content should be between 8% and 12%
- Ambient and panel temperatures should be above 10°C
- Adhesive should be applied as a thin, even coating to one surface only. Parts should be combined, while the adhesive is wet, using good even pressure (30 to 130 psi is

recommended) until the adhesive has set

- Bonded parts should be clamped or pressed for at least 1 hour to allow the adhesive to set.
- Excessive adhesive can be removed with a damp cloth while adhesive is still wet
- Allow to stand overnight for full bond development.

COVERAGE

Trade Essentials Craftwood PVA Adhesive should be applied at a rate of 100 to 200 grams per square metre (5 to 10m² per litre), depending on the porosity of the substrate, application and ambient temperature.

CLAMP TIMES (MINIMUM)

Temperature	Low Density Timbers	High Density Timbers
20°C	60 minutes	120 minutes
30°C	30 minutes	60 minutes

When the minimum clamp time is used, the freshly bonded panels should be stacked for a minimum of 24 hours before machining.

STORAGE AND HANDLING

Keep containers sealed and away from direct sunlight. Recommended storage temperature is 5-30°C.

Craftwood PVA has a storage life of 6 months. Material Safety Data Sheet is available on request.

LIMITATIONS

Craftwood PVA should not be used when timber or ambient temperatures are below 10°C.

Craftwood PVA is not suitable for load bearing applications.

Adhesive Selection Guide

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Safety & Usage Recommendations for PVA Adhesives

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