

Melamine Adhesive

Trade Essentials Melamine Adhesive is an emulsion adhesive for the bonding of synthetic laminated (non-porous) board to timber, Particleboard, Craftwood and other porous surfaces. It is an excellent adhesive for a variety of laminates including DAP, melamine and vinyl coated board. Melamine Adhesive dries to a clear glue line.



APPLICATIONS

Melamine Adhesive is widely used in cabinet making for assembly of laminated board with traditional fittings such as dowels, cams, staples and screws. It is a versatile adhesive that will also bond a variety of porous materials such as timber, particleboard, MDF board and Craftwood to non-porous substrates such as rigid foam, melamine surfaces and cultured marble.

PROPERTIES

Colour	White Liquid, dries clear
Solids	High (approx. 50%)
Viscosity	3,500 cps
Open Assembly Time	5 mins. maximum at 20°C
Closed Assembly Time	10 mins. maximum at 20°C
Clamp Time	4 hours minimum

DIRECTIONS

- Melamine Adhesive can be applied using a roller, spray, brush or squeeze bottle.
- Melamine Adhesive should be used as supplied. Dilution is not recommended.
- All surfaces to be bonded must be clean, dry and free from dust, oil, grease etc.
- Ambient and panel temperatures should be above 10°C.

- Adhesive should be applied as a thin, even coating to particleboard or MDF surface. Parts should be combined, while the adhesive is wet, using good even pressure (30 to 130 psi is recommended) until the adhesive has set.
- With these joints it is also preferable to rub the bead of the glue into the end grain of the particleboard – commonly known as a rub joint. In the dowel application, the glue should be run on the laminated surface and inserted into the dowel holes. Optimum bond strength is obtained after 24 hours assembly.
- Parts should be clamped overnight.
- Excessive adhesive can be removed with a damp cloth while adhesive is still wet.

STORAGE

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

Melamine Adhesive is suitable for packing into tubes for ready-to-assemble furniture. Melamine Adhesive has a storage life of 12 months.

Material Safety Data Sheet is available on request.

LIMITATIONS

Melamine Adhesive should not be used when timber or ambient temperatures are below 10°C.

Melamine Adhesive is not suitable for load bearing applications. Melamine Adhesive is not recommended for bonding melamine to melamine.

Adhesive Selection Guide

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Safety & Usage Recommendations for PVA & Water Based Adhesives

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