

General Purpose PVA Adhesive

Trade Essentials General Purpose PVA is a high quality adhesive designed for most wood working uses. It dries clear, is easily sanded, and is fast setting. Cured bonds will withstand a wide range of temperature and humidity conditions.



APPLICATIONS

Trade Essentials General Purpose PVA is a fast setting high bond strength grade PVA, suitable for bonding most soft and hard woods as well as particleboard and MDF. It is an excellent adhesive for dowel, mortice and tenon joints. It is suitable for general purpose bonding for joinery and assembly work, where good bond strength and short clamp times are desirable.

PROPERTIES

| | |
|----------------------|---------------------------|
| Colour | White liquid, dries clear |
| Solids | High (approx. 48%) |
| pH | 4 - 5 |
| Viscosity | Medium (5,500 cps) |
| Open Assembly Time | 5 mins. maximum at 20°C |
| Closed Assembly Time | 10 mins. maximum at 20°C |

DIRECTIONS

- All surfaces to be bonded must be clean, dry and free from oil, grease, dust etc.
- General Purpose PVA Adhesive may be applied by squeeze bottle, trowel, roller coater, air activated glue gun or mechanical glue spreader.
- Bonds must be made while adhesive coating is wet. Where possible, assembled pieces should be clamped for a minimum of 30 minutes while

adhesive sets. Light machining is possible after this time, however it is best to allow 24 hours before subjecting bonds to any stress.

- Excessive adhesive can be removed with a damp cloth while adhesive is still wet.
- For exterior applications, use Trade Essentials Cross Linking PVA.

COVERAGE

Trade Essentials General Purpose 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

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

General Purpose PVA has a storage life of 12 months.

Material Safety Data Sheet is available on request.

LIMITATIONS

General Purpose PVA should not be used when timber and ambient temperatures are below 10°C.

General Purpose PVA is not suitable for load bearing applications or where a water resistant bond is required.

GREEN^{first} PRODUCT

Trade Essentials General Purpose PVA is a Green^{first} product and is certified by Good Environmental Choice Australia as environmentally preferable.



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