

Altius Wood Adhesive



PRODUCT DESCRIPTION:

Altius Wood Adhesive is a polyvinyl-acetate based woodworking adhesive, which can be used for indoor wood-bonding operations of both softwood and hardwoods. It is characterised by easy application, usability on all wood types, stronger bond strength than that of wood, stability during freezing and thawing, flame retardation, and international standard polymers.

ADVANTAGES AT A GLANCE

- Fast setting and extra strong.
- Dries to form a bond stronger than the wood itself.
- Dries to a clear finish.
- Suitable for all wood types.

AREAS OF USAGE

Altius Wood Adhesive finds wide use in framework assembly, mortise-tenon jointing, dowel plain and bevelled lap joints, bonding wood veneers to chipboard, plywood etc.

PREPARATION OF SURFACE

Surfaces to be bonded must be smooth and finished to fit closely together. Surfaces must also be clean, dry and free from dust or loose material. Light abrasion with a medium grade abrasive paper, particularly where sawing or planing has damaged the surface grain, normally gives an acceptable finish.

METHOD OF APPLICATION

Altius Wood Adhesive should be used at temperatures between 5°C to 30°C. Apply an even film of the adhesive to one of the surfaces to be bonded using a brush. For greater bond strength all surfaces may be coated. Assemble the parts while the adhesive film is still wet. The maximum open assembly time depends on the substrate porosity and ambient temperature, but generally falls within the range of 5 to 10 minutes. When the parts have been assembled, maintain light pressure on the bond line during the initial setting period, using equipment such as vices, jigs, clamps or dead loads. The rate of development of joint strength depends upon such variables as ambient temperature, humidity and bonding pressure, in addition to substrate type, porosity, temperature and water content. As a guide, beech substrates at 5°C and 65% relative humidity must be maintained under pressure for at least 12 hours, whereas at 20°C and 65% relative humidity, 2 hours is required.

HEALTH & SAFETY

Keep away from contact of eyes and skin by wearing overalls, safety boots, goggles, gloves and mask. For further information, please refer the Material Safety Data Sheet.

PACKAGING & STORAGE

Product is supplied in 0.5 Kg, 1 Kg, 5 Kg, 20 Kg plastic pail. Store in a clean dry area, protected from direct sunlight and extreme temperatures (both heat and cold). They have a shelf life of up to 12 months. The oldest material should be used first.

TECHNICAL DATA

Product	PVA based wood working adhesive
Polymer	Poly vinyl acetate
Additives	Organic and inorganic modifiers
Dilution	With water if required
Colour	White as liquid, semi translucent as film
Coverage	5-8 m ² depending on substrate
Toxicity	Non Toxic
Specific Gravity	1.15
Storage	12 months in original packing at 5°C to 30°C
Package	0.5 Kg, 1 Kg, 5 Kg, 20 Kg plastic pail

DISCLAIMER

The information in this document is given to the best of Altius Industries knowledge, based on laboratory testing and practical experience and is intended to provide general information on the product and their method of application. All Altius products are used under conditions beyond Altius control so we cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. The prospective user is recommended to determine the suitability of products before adopting them on a commercial scale. Altius reserves the right to change the given data without further notice. Users should always consult Altius technical team for specific guidance on the general suitability of this product for their needs and specific application practices.

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