

NORDALE HI-BOND PREMIUM PVA

Description:

NORDALE HI-BOND is a general purpose Poly Vinyl Acetate (PVAc) woodworking adhesive for bonding most hard and soft woods in joinery applications. Suitable for use in Art & Craft applications for bonding paper, cardboard, fabric, felt etc.

Meets composition requirements of US FDA 21CFR175.105 "Indirect Food Additives: Adhesives and Components of Coatings". This adhesive is also gluten allergen free.

Typical Properties:

Appearance:	White.
Odour:	Low.
Viscosity:	Approx. 5500 cP at 23°C
Solids:	Approx. 48 %
pH:	Approx. 4.5

Directions for Use:

NORDALE HI-BOND is supplied ready to use and may be applied by spray, brush, extrusion or roller.

- Ensure adhesive is stirred well prior to use.
- All surfaces to be bonded must be clean, dry and free from dust, oil grease etc.
- Timber moisture content should be between 8% and 14%.
- Timber and Ambient temperatures should be above 15°C for use.
- Adhesive should be applied as a thin even coat to one surface only.
- Parts should be combined whilst adhesive is wet using good even pressure (30 – 130 psi).
- Parts should be clamped for 3 – 4 hours and will reach full strength in 24 – 48 hours dependant on the moisture content of timber, temperature and humidity.

Limitations:

Due to the nature and consistency of MR MDF and HMR Particle board, it is recommended that the surface is sanded prior to bonding. NORDALE HI-BOND should not be used when timber and ambient temperatures are below 10°C. NORDALE HI-BOND is unsuitable for load bearing applications.

Clean Up:

With water whilst wet.

Storage and Handling:

Please read the Material Safety Data Sheet for this product BEFORE use. Viscosity of this adhesive will increase with time in storage. Product should be stored between 5°C and 30°C on a wooden pallet and kept from freezing. Rotate stock using oldest material first. Keep stock covered to prevent drying out and contamination. Do not mix with other adhesives. Supplied ready for use but can be diluted with water if required.

Please ensure that products classed as a dangerous good are stored in compliance with the applicable regulations.

Shelf Life:

Best used within 12 months from date of manufacture when stored under the above conditions in the original unopened containers.

DISCLAIMER

Any information given is, to the best of our knowledge, the best currently available, with respect to our products and their use, but it is subject to revision as additional knowledge and experience is gained. Such information is offered as a guideline for experimentation only and is not to be construed as a representation that the material is suitable for any particular purpose or use. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use. This information is not a license to operate under nor is it intended to suggest infringement of any patent. We guarantee a uniform quality standard for this product. The only conditions and warranties accepted by Nordale Australasia Pty Ltd in relation to this product or process are those implied by either Commonwealth or State statutes. All Technical Data Sheets are uncontrolled documents, copies are not automatically updated.