

LIQUID NAILS EXTERIOR ENGINEERED TO LAST IN ALL WEATHER

DESCRIPTION

Liquid Nails Exterior is a high-performance construction adhesive specifically designed for outdoor use and can withstand heat, water, and UV. Mechanical fasteners can be removed after 4 hours. The bond will not crack or go brittle over time. Its formulation is solvent-free and allows for easy water clean-up.

KEY FEATURES

- Adheres 3 tonnes per m² after 4 hours on timber, at which point you can remove fasteners.
- Superior water, heat, and UV resistance for exterior applications (not recommended for roofing)
- Bond will not crack or go brittle over time.
- Water clean-up
- Low VOC

STANDARDS & CERTIFICATES

Liquid Nails Exterior meets

- Australian standard AS-2329 (1999),
- Green Building Council VOC limits for general purpose adhesives (less than 50 g/L).

USES

Liquid Nails Exterior is suitable for use on materials such as:

- Timber, particleboard, MDF & plywood
- Floor & wall panels
- Concrete, cement sheeting, masonry
- Tiles, ceramics, and terracotta
- Plastics such as Perspex and PVC
- Colorbond®

PRODUCT INFORMATION

Technology	Self-crosslinking acrylic
Colour	White
Packaging	350g cartridge
Density	1.20 kg/L
Application temperature	5 to 40°C
VOC content	33 grams per litre as VOC content per material Meets Green Building Council VOC limits for general purpose adhesives (<50g/L).
Storage conditions	Store in dry conditions protected from direct sunlight and between 5°C and 25°C.
Shelf life	Minimum 12 months from the date of manufacture when stored in appropriate conditions.

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All information contained in this Technical Data Sheet is as accurate and up to date as possible at the time of printing. Products can be expected to perform as indicated in this sheet, so long as application procedures and maintenance are followed as recommended. Any other warranties that may be implied are expressly excluded, except the consumer guarantees under the Australian Consumer Law, where applicable, or any other non-excludable warranties under any State legislation, where applicable.



TECHNICAL INFORMATION

Initial bond strength tensile shear	Exceeds 1 MPa at 24 hours
Bond strength in tensile shear	3.5 MPa after 3 days cure
Static load in shear	Exceeds 24 hours sustaining a 40N load at 40°C (AS2329-1999 Appendix G)
Bond strength in tensile shear after accelerated ageing	Test assemblies meet or exceed requirements after 500 hours at 70°C (AS2329-1999 Appendix E)
Strength	3 tonnes per m ² after 4 hours 500 tonnes per m ² after 3 weeks
Service temperature	Up to 70°C.
Sag resistance	Less than 6mm (AS2329-1999 Appendix A)
Coverage	-14 linear metres using a 5mm diameter bead.
Flow and transfer	Exceeds 75% transfer after 15 minutes drying (AS2329-1999 Appendix B)
Repositionable	Up to 25 minutes
Skinning time	20 minutes weather dependent
Gap filling	Bridges gaps up to 5mm
Curing time	Mechanical fasteners can be removed after 4 hours on porous surfaces. Expect longer lead times for less porous surfaces and in cold or humid weather. A strong bond is achieved in 24 hours.
Paintable	After 24 hours

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Ensure surfaces are free from oil, grease and dust. Wipe off any pooled water from wet timber.

APPLICATION

Apply a 5mm bead of Liquid Nails using a caulking gun along length of joist, stud or batten. On broad flat surfaces apply beads every 40cm. Immediately press the two surfaces firmly together. Fix with sufficient nails, screws or clamping to hold load and achieve contact over total bond area. Allow adhesive to set (min 4 hours) before removing any temporary fasteners or clamping.

CLEANING

Uncured product may be removed with water and soap. Cured product can be removed by scraping or sanding.

LIMITATIONS

- Avoid using in tightly clamped joints, e.g. cabinet making joinery.
- Not for permanent water immersion.
- Do not use as the sole bonding agent for structural bonding.
- Pre-test plastics for compatibility. Not suitable for PTFE, PE or PP.
- Do not use to adhere metal, rubber, marble and synthetic engineered timber.

DISPOSAL

Cure product before disposal. Avoid contaminating water ways. Empty cartridges and sausages may be disposed via local landfill. If spilt, absorb with clay, sand, or earth. Collect and seal in properly labelled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

HEALTH & SAFETY

This information can be located on the product Safety Data Sheet (SDS) found on Selleys website: selleys.com.au