

Liquid Nails

Solvent based Construction Adhesive

Description

Selleys Liquid Nails is a premium grade, solvent based, synthetic rubber construction adhesive that delivers a consistently strong and lasting bond on most building substrates. It has a thick non-runny consistency. It is brown in colour and available in a 600ml sausage or a 900g and 300ml cartridge.

Uses

- Suitable for bonding timber, plasterboard, MDF, particleboard, masonry, concrete, tiles & ceramics, metals, plastics, rubber and glass.
- Used as the sole means of bonding or as a component in a dual bonding situation
- Sheet flooring to joists
- Metal or aluminium door strips to floors or walls
- Timber or fibre cement sheeting to cement block or brick walls
- Masonite / hardboard to timber or floor boards
- Wallboard or panelling to wood or metal frames
- Cork tiles to timber, fibre cement or plaster
- Timber flooring to yellow tongue in conjunction with mechanical fixings to avoid later squeaking.

Features/Advantages

- Meets or exceeds requirements specified by Australian Standard AS 2329 (1999)
- Flexible enough to respond to normal shrinkage and thermal movement between building components.
- Suitable for interior and exterior applications.
- Easy to extrude at low temperatures.
- Fast grab and rapid cure without skinning too quickly, thus ensuring good wetting out on to surfaces to be bonded.
- Does not roll off when applied onto wet timber, even in cold weather.
- Does not drip, sag or string between panels.
- Bridges gap up to 9mm hence can be used on rough and ill-fitting construction materials.
- Dried adhesive is paintable.

Instructions for Use/Application Instructions

The following should only be used as a guide and the installer should apply all Australian Standards, BCA/NZBC requirements, and best practices when using *Liquid Nails*.

- Surfaces to be bonded should be free of oil, grease and dust. On wet timber, pooled water should be wiped off the surface.
- Cut cartridge tip, fit nozzle and cut end to desired opening (approx 5 mm diameter)
- Direct a bead along the length of the joist, stud or batten. On broad flat surfaces apply beads every 450mm.
- Fix with sufficient nails, screws or clamping to hold load and achieve contact over the total bond area. Wet bonds are repositionable for up to 20 mins after fitting.
- Allow adhesives to set (at least 24 hours) before removing any temporary fasteners or clamping.
- For faster grab – use the contact bond method – apply to one surface only, press together and pull apart. Allow surfaces to dry 2-5 minutes before firmly joining. Surfaces should not be kept apart for longer than 20 minutes as to do so will impair bond strength

Storage

Store unopened sausages/cartridges below 30°C in a cool dry place away from direct sunlight. Unopened sausages/cartridges can be stored for 18 months from the date of manufacture. Opened sausages/cartridges may skin and form a lump near the opening. Discard any lumps or skin and remaining product can be used.

Technical Data/Properties

Contact Selleys before using this data for the setting of specifications.

Property	Typical Result
Colour	Brown
Density	1.11
Technology	Synthetic Rubber/solvent
Application Temperature	0°C – 45°C
Shelf Life	18 months
Working Time	20 minutes @25°C
Initial Bond Strength (24 hours)	>200kPa
Tensile Shear Strength (7 days at 23C)	1.1 MPa
Peel Strength	>40N
Service Temperature	-10°C - +90°C
VOC	340 g/L

Important Notes/Limitations

- Time for strong bond depends on nature and condition of application. In most situations strong bond can be achieved after 24 hours and will continue to strengthen over a 2-3 day period. Full cure can take up to 7 days.
- When fixing sheet flooring (eg particleboard), use in conjunction with flooring manufacturer's installation specifications for minimum nailing requirements.
- Do not use as the sole fixing for metal panels in exterior applications, as exposure to direct sun can soften adhesive causing panel to creep.

Safety

Classified as HAZARDOUS - contains hydrocarbon solvents

Wear gloves and safety glasses when using.

Classified as Dangerous Goods – Flammable Liquid.

Refer to Safety Data Sheet for more detailed information.

Clean up

Spills and tools can be cleaned up with Mineral Turps before product cures.

Disclaimer

All information contained in this Product Information Sheet is as accurate and up-to-date as possible. Products can be expected to perform as indicated in this Sheet, so long as application procedures are followed as recommended. Notwithstanding the above, any recommendations made by Selleys or its distributors in relation to this or other products is to be taken as advice only. Selleys makes no representations or warranties that this product will be suitable for use. Subject to any applicable legislation which cannot be excluded (such as the Australian Consumer Law), Selleys takes no responsibility and will not be liable for any failure in performance of this product or any losses, damages, or injuries (consequential or otherwise) arising from the storage, mixing, application or other use of this product or for any representations made by you about the product which have not been approved in writing by Selleys. The buyer assumes all risk and responsibility for the use of this product.

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