



LIQUID NAILS DIRECT STICK™

POLYURETHANE FLOORING ADHESIVE

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DESCRIPTION

A single pack moisture curing polyurethane based adhesive. The product is brown in colour.

SIZES AVAILABLE

Available in a 14 kg (10 litre) plastic bucket and 700g (500ml) sausage.

USES

Bonding wood to wood, MDF and concrete for flooring overlays.

TECHNICAL FEATURES

- { Excellent bond strength
- { Rapid cure
- { Good wet grab and initial hold
- { Low odour
- { Designed to expand (high density foam) to maximise bond footprint
- { Sanding can normally commence next day
- { Low slump – thixotropic product
- { No TDI

LIMITATIONS

- { Requires atmospheric moisture to cure.
- { Must not be applied below 5°C
- { Do not apply in greater thicknesses than that allowed by specified trowel (side movement and/or lifting may occur)
- { Selleys Technical Services should be consulted if any doubt exists in respect to floor contamination, or any concerns in relation to moisture. (See PRODUCT APPLICATION INFORMATION” notes available from Selleys.)
- { Should a self-levelling compound be required, consult manufacturer in relation to drying times and appropriate priming to adhere the compound.
- { Where a hydrostatic head may be present, suitable drainage must be installed and moisture vapour barrier employed.

Where **LIQUID NAILS DIRECT STICK** is to be laid over floors other than timber or concrete, consult Selleys Technical Department for suitability.

TECHNICAL DETAILS

For strip flooring, trowel onto substrates with the recommended notched trowel (5mm wide by 6mm high V notches at 25mm centres).

For parquetry blocks a finer & closer notched trowel is required to avoid excess adhesive; e.g. a 2.4mm wide x 2.4mm high v- notches at 4.8 centre. (Consult “Product Application Information” sheet available from Selleys).

- Coverage: 1½ - 2m² per litre, dependent on end use, substrate and porosity.
- Cure Time: normally floors can be walked on after 12 hours. Full cure 7 days.
- Sanding: normally sanding can commence next day (12 hours). In cold weather allow minimum 24 hours.
- Working Time: approximately 30 minutes once applied, depending on ambient conditions.
- Apparent Density: = 1.4 g/mL
- Viscosity: 170,000 CPS, RVT spindle No. 6 speed = 5, @ 25°C, 50% R.H.
- Shelf Life: 12 months in unopened container. Opened cans may skin on the surface and this may be cut off and remaining product used
- Method for Sampling and Testing of Adhesive: AS 1321, Part 3
- Lap Shear Strength: = 7.0Mpa 23°C, 50% R.H. 625mm² area hoop pine/hoop pine (Test data above is indicative only and not intended for the setting of specifications.)

HOW TO USE

(Note:- for more detailed information on use refer to the latest version of “PRODUCT APPLICATION INFORMATION” notes available from Selleys.)

Lay directly onto prepared glue **with minimum of sideways movement**. Remove excess promptly. Do not return mixed product to resin container. Temporary fastening or weighting is recommended to secure during cure which can be removed after 4 hours if required as the adhesive has then acquired sufficient strength.

Wear protective gloves.

Concrete surfaces should be clean and sound. The best possible surface preparation is by diamond grinding as this removes high spots as well . Other blast cleaning methods ; e.g. captive abrasive blast cleaning (Blastrac) are satisfactory. If moisture migration through the slab is apparent or suspected, the source of the moisture should be identified and the problem rectified. (Sealing the surface with Selleys Liquid Nails VBS VAPOUR BARRIER, for sealing concrete slabs, is recommended.)

Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate. (See “PRODUCT APPLICATION INFORMATION” for further information.)

Moisture Content: Timber should be laid at the expected equilibrium moisture content for the situation. (See “PRODUCT APPLICATION INFORMATION” for further information.)

It is recommended concrete substrates be cured to equilibrium and be coated with Liquid Nails VBS VAPOUR BARRIER before applying timber overlay.

Edge boards should be well fastened to minimise damage to the floor in the event of accidental flooding.

CLEAN UP

Clean up spills quickly before product cures.

Clean tools and equipment with polyurethane clean-up solvent, lacquer thinners or acetone before product cures.

Small spills are readily removed with POLYWIPES (pre-moistened disposable cloth wipes)

NOTE: Avoid spilling adhesive on pre-coated flooring. Spills should be removed immediately and completely as cured adhesive is impossible to remove from most coatings after it has cured. Ensure that cleaning solvents, if used, do not damage the surface coating. Methylated Spirit may be used to clean minor spills on pre-finished flooring, however, it is recommended to test the methylated spirit on a small inconspicuous area prior to use.

WARNINGS/FIRST AID

Wear protective clothing.

Good ventilation and impervious gloves are essential
Avoid contact with skin

For further information refer to the product label and to the Material Safety Data Sheet.

This product is hazardous according to the criteria of NOHSC and HSNO.

SHIPPING/STORAGE/DANGEROUS GOODS INFORMATION

Not restricted.

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