

Liquid Nails Timberflex

Description

Selleys Liquid Nails Timberflex is a flexible, trowel grade adhesive suitable for most types of solid, engineered strip and sheet timber flooring to concrete and timber. The Advanced Polymer Technology formulation contains no polyurethane.

Product Information

| Packaging | Size |
|-----------|----------|
| Pail | 10 litre |
| Sausage | 600ml |

Uses

Adhesive suitable for engineered overlay (Prefinished and Bamboo) and most types of wood flooring to common substrates such as plywood, particle board, pre-existing strip flooring and FC (Fibre Cement) sheets, concrete, acoustic matting, etc.

Features

- Superior coverage – Advanced formulation provides superior adhesion, allowing greater coverage - 20m²/10L pail using Direct Stick trowel on plywood substrate
- Trowel grade adhesive
- Easy to remove from prefinished floor boards, tools and hands
- Easy to spread even at low or high temperatures : 5°C to 40°C.
- Excellent adhesion to most building materials
- Low VOC to meet Green Building Council requirements
- Flexible
- Excellent ridge formation & stability
- Good wet grab and initial hold
- Isocyanate free formula
- Solvent-free formulation

Technical Details

| Property | Typical Result |
|--|------------------------|
| Technology | Silyl Modified Polymer |
| Colour | Oak |
| Density | 1.52 |
| Application Temperature | 5°C – 40°C |
| Cure Time | 24 hours |
| Working Time (25°C 50% RH) | 45 minutes |
| Tensile Strength (ASTM D412) | ca. 1.3 MPa |
| Bond Strength in Tensile Shear (wood to wood) | ca. 1.3 MPa |
| Operating Temperature | -10 - +60°C |
| VOC | 32g/L |
| Indicative data only, not intended for preparation of specifications | |

Surface Preparation

The following should only be used as a guide and the installer should apply all Australian Standards, NCC/NZBC requirements, and best practices when installing a timber floor with Liquid Nails Timberflex.

All surfaces should be clean, sound and level to 3mm in 3m. Out of level floors will increase the risk of hollow spots under strip timber overlay.

Liquid Nails VBS Vapour Barrier is recommended over ground level concrete before applying Liquid Nails Timberflex to prevent moisture migration and subsequent swelling of the timber overlay.

Moisture content of the slab should be <5.5%, and moisture vapour transmission <15g/m² per 24hr.

Concrete surfaces should have a finish equivalent to that obtained when using a steel trowel.

Grind concrete to remove high spots, surface contaminants and weak surface layers.

Sand timber substrates to remove contaminants such as old glue or surface finishes and flatten any raised joints.

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Directions for Use

Scoop or pour adhesive from the pail to the application surface. Use a Selleys Direct Stick trowel to spread as much adhesive as you can cover in 20 minutes. It is important to achieve at least 85% adhesive coverage between overlay and sub-floor to avoid hollow spots and drumming.

For direct stick to concrete use a 6mm v-notch trowel at 13mm centres; for parquetry and direct stick of strip overlay to structural sheet timber use a standard 3.2mm v-notch trowel. This provides the optimal spacing and height for adhesive ridges for bridging any gaps between overlay and sub-floor and wetting onto the underside of the boards.

Set strip overlay or parquet directly onto prepared adhesive with a minimum of sideways movement using adequate pressure to ensure adhesive contact on each individual board.

For sausages, the adhesive may be applied directly to the back of the board.

Fastening (or weighting) is recommended to secure timber during curing.

Tips

Opened pails may skin and form a lump near the opening. Discard any lumps or skin and remaining product can be used.

Coverage

20m²/10L using Direct Stick trowel on plywood substrate.

Clean Up

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

Storage

Store unopened pails below 30°C in a cool dry place away from direct sunlight. Unopened pails can be stored for 18 months from the date of manufacture.

Limitations

- Cure rate will be inhibited if air or substrate surface temperature is below 5°C.
- Selleys Technical Services should be consulted if any doubt exists in respect to floor contamination, or any concerns in relation to moisture.
- Should a self-levelling compound be required, consult manufacturer in relation to drying times and appropriate priming to adhere the compound to the substrate.

Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – www.selleys.com