

Liquid Nails FLEXISTIK

Updated
30/1/12

DESCRIPTION

Liquid Nails FlexiStik is a single pack, moisture curing, flexible polyurethane based timber flooring adhesive. The product is tan in colour.

SIZES AVAILABLE

Available in;

- 10 litre (12.5 kg) plastic pail
- 600mL foil sausage.

USES

Bonding timber overlay, parquet and composite flooring to timber, MDF, particleboard and concrete.

TECHNICAL FEATURES

- Excellent bond strength
- Easily spread
- One part easy to apply
- Rapid cure
- Good wet grab and initial hold
- Low odour
- Flexible
- Can be trowelled or used direct from gun
- Green Building Council compliant

TECHNICAL DETAILS

(Test data above is indicative only and not intended for the setting of specifications.)

Composition: 1 part moisture cure Polyurethane

Density: 1.27gms/m²

Working Time: ~45 mins at 25C

Cure Time: 24 hours at 25C

VOC: <45gms/litre

HOW TO USE

(For further details consult "Product Application Information" sheet available from Selleys).

Wear protective gloves.

For strip flooring apply FlexiStik adhesive using a 4-5mm V-Notch Trowel ensuring full coverage to the prepared substrate. Please ensure full contact between the timber and the adhesive for 24 hours. For parquet flooring a 3mm V-Notch Trowel is recommended.

Place boards directly onto the adhesive with minimal sideways movement. Remove excess adhesive promptly.

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

Temporary fastening or weighting is recommended to secure boards during cure. Temporary fixing can be removed after 24 hours (if required) as the adhesive has then acquired sufficient strength.

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 prior to laying the timber floor. New concrete should be cured a minimum of 28 days and have a moisture content of less than 5.5%. (Sealing the concrete surface with Selleys Liquid Nails VBS VAPOUR BARRIER, is recommended especially for ground level slabs.)

Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate.



Technical Data Sheet

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Moisture Content of Timber: Timber should be laid at the expected equilibrium moisture content for the situation. (See "PRODUCT APPLICATION INFORMATION" for further details)

WARNINGS/FIRST AID & SHIPPING INFORMATION: Refer to the **MSDS** section located on the Selleys Website.

CLEAN UP

Clean up spills quickly before product cures.

Clean tools and equipment with mineral turps 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 with mineral turps. Ensure that cleaning solvents, if used, do not damage the surface coating.

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 to the substrate.
- Where a hydrostatic pressure may be present, suitable drainage must be installed and Selleys VBS moisture vapour barrier employed



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Page | 2

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