

### MS POLYMER MOISTURE CURING TIMBER FLOORING ADHESIVE

Isocyanate and solvent free, high elastic strength Timber Flooring Adhesive with Moisture Vapour Barrier suitable for bonding Solid and Engineered timber to substrates.



#### AREAS OF APPLICATION

- Over existing Timber flooring
- Particle Board
- Chipboard
- Plywood
- Concrete slabs
- Cured floor levelling compounds
- Ceramic tiles
- Marble
- Steel supports

#### FEATURES

- Contains moisture vapour barrier
- One-step process Saving time & money
- Ready to use – no mixing required
- Wet lay – no flash time needed
- Easy trowelling with a smooth consistency
- Low viscosity
- High filling capacity
- Excellent ridge holding
- Elastic with strong green grab
- Reduces stress on the subfloor
- Odourless, water and solvent free
- Bridges normal sub floor variations
- No dimensional changes in timber flooring
- Bonds all timber types
- Clean up with damp watery cloth (pH Neutral) whilst still wet or peel of when dry
- 4mm V Notch Trowel required to achieve moisture vapour barrier
- Coverage approx. 14m2 dependant on substrate
- No isocyanates, very low VOC
- German DIBt certification

#### TECHNICAL DATA

Technical Data ( 20°C – 60% R.H.)			
Appearance	Dense paste Natural oak colour	Viscosity	35000mPas – Bookfield Spindle 7.50 giri/min
Trowel size	4mm V Notch	Density	1.70kg per litre
Coverage	13 -14 m2 approx dependent on substrate	Shear strength	1.2 N/mm <sup>2</sup> according to UNI EN14293
Application temperature	From +10°C to 35°C	Residue Cleaning	Wipe Immediately after use with a water dampened cloth or use Acouslime Adhesive Remover

Technical Data ( 20°C – 60% R.H.) Continued			
Laying Time	40 – 60 minutes	Tool cleaning	Wipe immediately after use with a water dampened cloth or special purpose wipe.
Light Traffic	6 - 8 hours	Storage	12 months in original sealed container at temperature >10°C
Sanding	2 – 3 days	Package Size	16kg Tubs

### SURFACE PREPARATION

Prior to installation of the timber flooring, all substrates including concrete slabs, cured floor levelling compounds, existing timber flooring, particleboard, chipboard, plywood or ceramic tiles and marble, must be clean and sound (structurally, no flaking or loose material) and dust free, with no traces of waxy residue, coatings, powder, grease or oil etc. present.

If the subfloor is an existing timber floor the surface must be sanded back to remove any coating and vacuum cleaned to remove dust.

Existing ceramic and marble flooring substrates must be free from oily substances, grease or residues of acid or basic detergents due to cleaning.

Subfloors, where the flooring is only fixed in place by the adhesive, need to be flat to within 3mm beneath a 3m straight edge.

#### Concrete Substrate Moisture Assessment:

Assess RH (Relative Humidity) IN SLAB to determine which Acouslime Moisture Seal is suitable for the site conditions. Acouslime 3 in 1 contains a Moisture Vapour Barrier for up to 85% RH in-slab. If the RH is higher than this, one coat of Acouslime Moisture Seal will need to be applied first for up to 90% RH in slab. Two coats of Acouslime Moisture Seal will be required for readings of 90-98% RH. High readings require investigation as to possible moisture sources and may require more than the slab moisture protection outlined in this data sheet.

**Please refer** to our website for the ‘**Acouslime Complete System**’ for timber flooring installations on concrete. The product must not be diluted in any manner.

### COVERAGE

Approx. 14m<sup>2</sup> per 16 kg tub. 0.90m<sup>2</sup> per 600ml sausage  
 Dependent on substrate type, a 4mm V Notch Trowel is recommended for the full Moisture Vapour Barrier contained in the adhesive, with a full bed application. Monitor trowel angle and wear to ensure the application rate is maintained.

#### Packaging

600ml Sausages  
 16 kg Plastic tub.

### APPLICATION

Solid and engineered timber flooring must be installed to manufacturer’s instructions and adhere to ATFA industry standards.

Once the tub has been opened, remove the aluminium foil covering the product and set aside, to reuse later if required.

Apply Acouslime 3 in 1 adhesive with a 4mm V notch trowel, (to achieve moisture vapour barrier) distributing it evenly to obtain a good ‘wetting’ of the surface. Proceed with laying the timber flooring within 60 minutes of application to substrate.

A full bed that is correctly applied, will provide moisture vapour protection based on the subfloor moisture levels stated in this TDS

Position the timber flooring in place with the necessary pressure to ensure good contact between the timber flooring and the adhesive. Leave a border of at least 10mm between the timber flooring and the wall; or the requirement indicated by manufacturer’s installation instructions for timber flooring being used.

**PLEASE NOTE:** Surface preparation, cleaning and careful drying is essential for the adhesive to form a strong lasting bond with the flooring substrate.

Pre-Adhesion tests are strongly advisable before proceeding.

## APPLICATION TEMPERATURE

### Ambient Temperature

Apply at a temperature between 10°C and 35°C.  
The optimal temperature is between 15°C and 25°C

### Ambient Humidity

Apply at a humidity between 40% and 80%

## SAFETY RULES

### PRODUCT FOR PROFESSIONAL USE

Avoid contact with eyes and skin. Strictly adhere to what is stated on the labelling and consult Safety Data Sheets before using the product.

## DISPOSAL

Dispose of unused product and empty packaging responsibly in accordance with Australian standards and recycling.

Do not dispose of into the environment including waterways.

## Cleaning of equipment and dried residue on floor

Any excess adhesive on the top of the boards should be wiped off thoroughly as you go with a damp watery cloth. (pH. neutral) or Acouslime Adhesive Remover which can also be used to remove any dry residue.

In the case of partial use of the tub, cover the adhesive with the aluminium foil that was set aside when the tub was opened, ensuring it adheres to the product and firmly close the tub lid. The tub must be used generally within a week once opened.

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