

### ACOUSTICALLY RATED TIMBER FLOORING ADHESIVE CONTAINING A MOISTURE VAPOUR BARRIER

High elastic strength timber flooring adhesive. Isocyanate and solvent free



#### AREAS OF APPLICATION

- Concrete slabs\*
- Hebel PowerFloor\*
- Heated Slabs
- Particle Board
- Plywood
- Over Existing timber flooring
- Chipboard
- Ceramic tiles
- Marble
- Steel supports

\*Refer to website for installation details

#### FEATURES

- Contains moisture vapour barrier
- One-step process Saving time & money
- Acoustically rated similar to 5mm rubber matting
- Suitable for heated slabs
- Easy trowelling with a smooth consistency
- 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
- 5mm V Notch Trowel required to achieve Acoustics
- Coverage approx. 9 - 10m<sup>2</sup> dependant on substrate
- No isocyanates, very low VOC
- German DIBt certification

#### TECHNICAL DATA

| Technical Data ( 20°C – 60% R.H.) |                                                        |                  |                                                                                          |
|-----------------------------------|--------------------------------------------------------|------------------|------------------------------------------------------------------------------------------|
| Appearance                        | Dense paste<br>Natural oak colour                      | Viscosity        | 45000mPas – Brookfield<br>Spindle 7.50 giri/min                                          |
| Trowel size                       | 5mm V Notch                                            | Density          | 1.70kg per litre                                                                         |
| Coverage                          | 9 - 10 m <sup>2</sup> approx<br>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 |
| 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                              |

### 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. Dusty floors must be consolidated.

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 4 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.

**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%

### COVERAGE

Approx. 9 -10m<sup>2</sup> per 16 kg tub. 0.40 - 0.60m<sup>2</sup> per 600ml sausage. Dependent on substrate type, a **5mm V Notch Trowel** is required for Acoustics and 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 4 in 1 adhesive with a **5mm V notch trowel**, for acoustics 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.

#### 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 a special purpose Adhesive Remover wipe 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.

### NOTES

- **Not for outdoor bonding**
- Avoid exceeding quantity of adhesive.
- Not suitable for bonding Polyethylene and Polypropylene.
- The adhesive is moisture curing so open time and hardening can vary significantly according to environmental conditions
- Can generally be painted over however as there are many types of paint products on the market, we always recommend to check the adhesion of the paints.
- Once fully hardened the product can be treated with oil.

### 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

- **DO NOT CONTAMINATE THE ENVIRONMENT**
- **Keep out of waterways**
- Dispose of unused product and empty packaging responsibly in accordance with Australian standards and recycling.

MADE IN ITALY



**To be read in conjunction with the  
Safety Data Sheet shown on our website.**

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