

Complete Acouslime System Information & Procedure for Hebel PowerFloor / Aerated Concrete Substrates

ACOUSLIME PRODUCTS USED

- **Acouslime Moisture Seal** - Moisture Vapour Barrier

002 Bond Primer is used to prime Hebel PowerFloor / Aerated Concrete Surfaces (as well as timber substrates)

Water-resistant when cured, ultra-fast curing, and 100% odourless. Blocks the rise of excessive residual damp in masonry substrates and has excellent bonding and flexible characteristics.

- **Acouslime Fibre Reinforced Self-Levelling Cement** is a fibre reinforced self-levelling cement used for interior levelling of Hebel Powerfloor / aerated concrete, and timber substrates. Suitable for use in domestic or commercial environments, it will produce a smooth and level finish in uneven floors of 3-30mm differences in a single application.
- **Acouslime 4 in 1 Timber Flooring Adhesive** is a ready-to-use a solvent free, high elastic strength timber flooring adhesive with moisture vapour barrier with acoustic performances. Suitable for full surface bonding of solid timber, and engineered timber onto existing timber flooring, particleboard, chipboard, plywood & aerated concrete slabs. It can be used as waterproofing treatment before laying of wooden flooring to block the rise of excessive residual damp in the screeds and concrete.

For more information and Technical Data Sheets for each product visit www.acouslime.com.au

SURFACE PREPARATION OF HEBEL POWERFLOOR / AERATED CONCRETE

- The surface of the PowerFloor / aerated concrete substrate can be quite dusty and must be swept clean of dust and all surface contaminants, before applying materials.
- Defective host substrate must be removed and repaired before application.
- Defective material includes cracked or structurally weakened surfaces.

If the PowerFloor is wet, it must be allowed to dry before to applying materials

APPLICATION OF ACOUSLIME SYSTEM OVER HEBEL POWERFLOOR STEPS 1 TO 3

1. Prime the surface with Acouslime Moisture Seal. Apply with a roller or a soft broom and work well into the porous substrate. **The high porosity of the Hebel PowerFloor means two coats need to be applied.** Allow to dry 2 - 4 hours between coats.
2. When Acouslime Moisture Seal has dried apply Acouslime 002 Bond Primer
3. Apply Acouslime Fibre Reinforced Self Levelling Cement.
4. Apply Acouslime 4 in 1 Flooring adhesive with a 5mm V notch trowel, distributing it evenly to obtain a 'good wetting' of the surface. Proceed with laying the timber flooring within 60 minutes of application to substrate.

Important Information

Hebel PowerFloor™ panels have a compressive strength of approximately 4.5MPa, whilst Acouslime™ Fibre Reinforced Self-Levelling Cement is 35 MPa at 28 days. Therefore the load capacity of the whole floor system is limited by the Hebel subfloor rather than the Acouslime™ top coating.

Designers and specifiers should determine the expected floor loadings, to ensure that the top coating can withstand the expected loads, to prevent damage and indentations to the subfloor. Solid and engineered timber flooring must be installed to manufacturer's instructions and adhere to ATFA industry standards.

The end-user of these products must first read the latest versions of the Technical Data and Safety Data Sheets at www.acouslime.com.au before these products can be used.

DISCLAIMER - The end use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven to be faulty. The manufacturer is NOT responsible for any loss or damage arising from incorrect usage of this product. The information contained herein is provided in good faith and to best of Acouslime Pty Ltd knowledge is true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for an application