

Product Overview

AngelStep® 484P is a high-performance 10mm acoustic underlay specifically engineered for use over timber substrates, v

Product Composition & Benefits

This advanced system combines:

- A resilient, high-density polyester core that absorbs impact energy and residual airborne sound from above and below.
- A decoupled, flexible floating top barrier that significantly reduces airborne sound transmission.

The result is a floor system that:

- Dampens vibration, absorbs footfall and structural noise,
- Complies with the NZ Building Code (G6) and Australian BCA for floor sound insulation, and
- Provides maximum acoustic performance with minimal floor thickness.

Technical Details

AngelStep® 484P is a laminated composite made from:

- Double needle-punched polyester (75% recycled content)
- Two visco-elastic noise and vapour barriers

Product Dimensions:

- Thickness: 10mm
- Sheet Size: 1150mm x 1150mm
- Weight: 9kg per tile
- Use Over: Timber floors

Features

Key Features:

- Exceptional impact and airborne noise isolation
 - Easy to install – ideal for retrofit or new builds
 - Fire-rated to NZ and international standards
 - Moisture-resistant, rot-proof, and highly durable
 - Compatible with underfloor heating systems
 - Environmentally responsible (recycled materials)
 - Suitable for use under: Carpet, Engineered wood, Solid timber, Vinyl*, Tiles*, Bamboo*, Cork*
- (*Requires fibre cement board or reinforced screed for rigidity)

Acoustic Performance

Acoustic Performance:

Independent testing confirms AngelStep® 484P achieves 5- and 6-star ratings in the AAAC (Association of Australian Aco

- IIC ratings of 65–70, exceeding the NZBC G6 minimum standard of IIC 55
- Noise reduction improvements of up to 17–19 dBA between floors

It significantly improves the acoustic performance of untreated timber joist flooring systems.

Compliance & Testing Standards

Compliance & Testing Standards:

- AS ISO 717.2:2004 – Rating of sound insulation in building elements
- AS/NZS ISO 140.7:2006 – Measurement of sound transmission through floor/ceiling systems