AngelStep® GOLD8 – Premium Acoustic Underlay for All Substrate Types

AngelStep® GOLD8 is a high-performance 8mm acoustic underlay designed to enhance the acoustic performance of all flooring types. It is ideal for use in apartments, townhouses, high-end homes, and professional offices, or wherever separating floors or adjoining dwellings are present — whether over timber or concrete substrates.

Product Composition and Features

AngelStep® GOLD8 is a laminated composite comprising:
- Double needle-punched high-density polyester
- A resilient cross-linked microcellular foam barrier

Product Dimensions:
- Thickness: 8mm
- Sheet Size: 1150mm x 1150mm
- Weight: 1.2kg per tile
- Suitable Substrates: Timber and concrete floors

Key Features:
- Superior impact and airborne sound isolation
- Easy to install – suitable for retrofit or new builds
- Fire-rated to NZ and international standards
- Water-repellent, rot-proof, and highly durable
- Compatible with underfloor heating
- Cost-effective 6-star acoustic floor system
- Made with recycled materials and designed for long-term performance

Suitable Underlay For:
- Carpet, Engineered timber, Solid timber, Laminate*, Vinyl*, Bamboo*, Cork*, Tiles*, Parquetry*
*Note: For tiles, cork, and laminate vinyl, a fibre cement board or reinforced screed must be installed over the underlay for rigidity.

Acoustic Performance

AngelStep® GOLD8 has been independently tested and repeatedly rated at the top of the AAAC (Association of Australian Acoustical Consultants) system, achieving:
- L’nT,w of 40, equivalent to AAAC 6-star rating
- IIC ratings up to 70, significantly exceeding the NZBC G6 requirement of IIC 55

It is particularly effective at resolving noise issues in untreated flooring systems, delivering a noticeable improvement in both impact and airborne sound control.

Testing & Compliance

Complies with:
- AS ISO 717.2:2004 – Rating of sound insulation in building elements
- AS/NZS ISO 140.7:2006 – Measurement of sound transmission in buildings and elements