

TECHNICAL DATA SHEET

MCW Acoustic Isolation Strips

RESILIENT ACOUSTIC ISOLATION FOR TIMBER FLOORS AND PARTITION WALLS



MCW Acoustic Isolation Strips are high-density, resilient strips engineered to minimize vibration and structure-borne sound transmission in timber floors and partition walls. By providing a resilient separation between structural elements—such as joists, decking, or partition frames—they effectively reduce sound transfer without adding significant height to the construction.

Manufactured from durable, long-lasting PUR foam elastomers, these strips offer excellent resistance to compression, aging, and deformation. For convenience and versatility, they are available in three standard widths tailored to fit common timber joists, sole plates, and partition tracks.

Key Benefits

- Helps reduce structure-borne sound and vibration
- Suitable for timber joist and partition-wall applications
- Low-profile 6 mm construction
- Maintains long-term performance under concentrated loads

Technical details

Roll Lengths	15m
Roll Thickness	6mm
Roll Widths	50mm, 75mm, 100mm
Roll Weight	46kg
Composition	Bonded recycled rubber
Density	700kg/m3

Typical Flooring Build-ups



Under Stud partition walls

1. *MCW Acoustic Isolation Strips*
2. *MCW Impact C3 underlay*
3. *Timber subfloor*
4. *Skirting board*

On top of joists, floating floor.

1. *MCW Acoustic Isolation Strips on top of joists*
2. *Floating timber subfloor*
3. *Skirting with perimeter strip*

