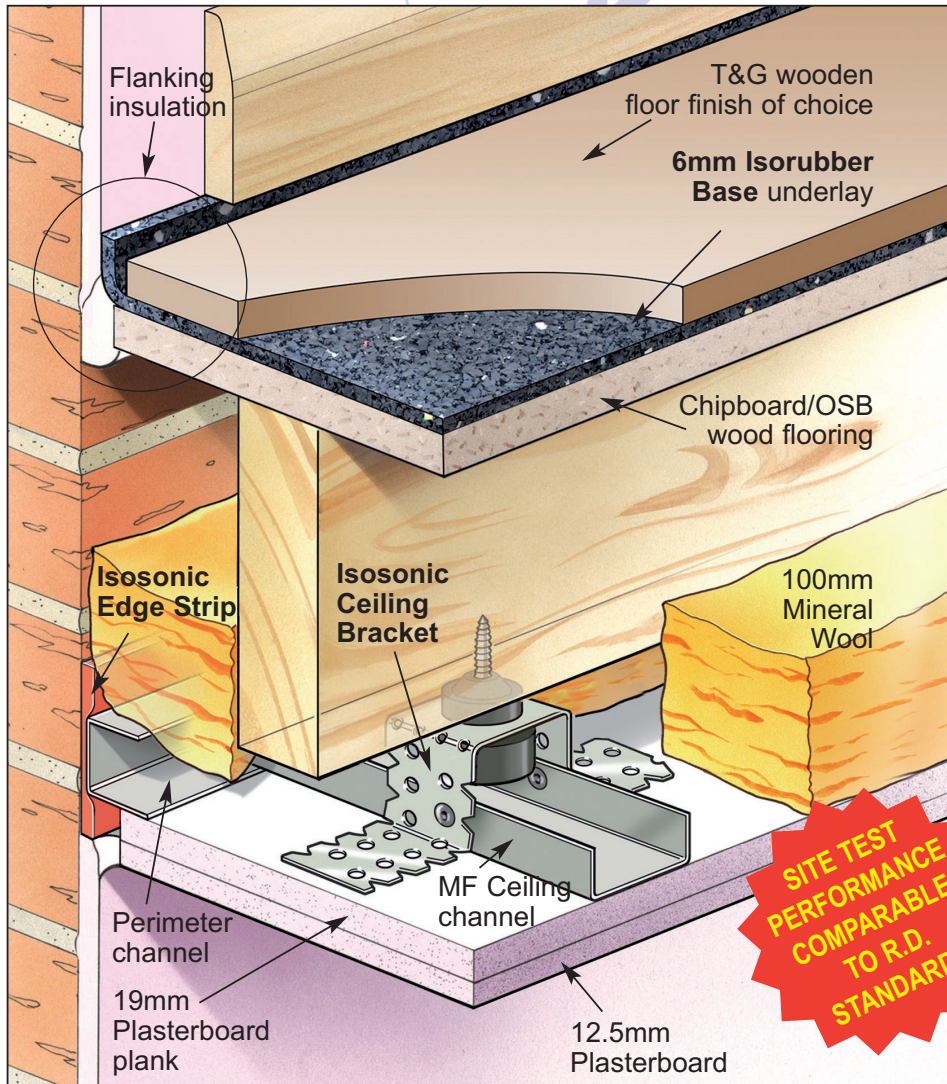


new improved Isosonic Timberfloor™

FLOOR SOUND INSULATION SYSTEM FOR REFURBISHMENT



- ✓ Site tested performance in excess of the Building Regulations (ADE) requirements
- ✓ Simple installation reducing workmanship errors
- ✓ Integral flanking sound insulation, eliminating difficult edge strips
- ✓ New improved performance **Isosonic Ceiling Brackets**
- ✓ Unique isolating ceiling hanger system

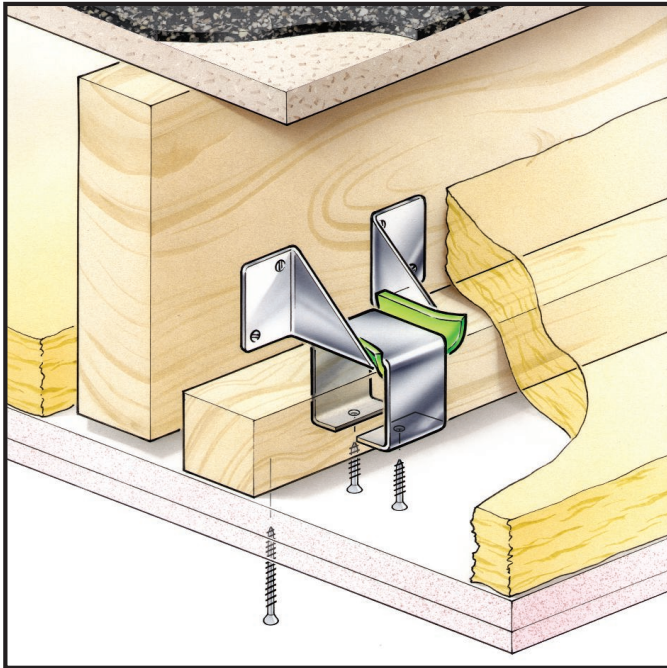
Further improvement in airborne sound insulation can be achieved by the addition of 15mm wall boards (see below)

TYPICAL ON-SITE ACOUSTIC TEST DATA

Approved Document E requirements	Dn _{tw} + C _{tr} Airborne Sound		Ln _{tw} Impact Sound
	Newbuild	45 dB minimum	
	Refurbishment	43 dB minimum	62 dB maximum
Site Test results	18mm Chipboard over Isorubber Base	50	56
	Laminate floor over 18mm chipboard over Isorubber Base	51	54



The Isosonic Ceiling Hanger/Bracket Systems facilitate the easy levelling of ceilings to 'old' timber floors.



◀ Ceiling Hanger type A

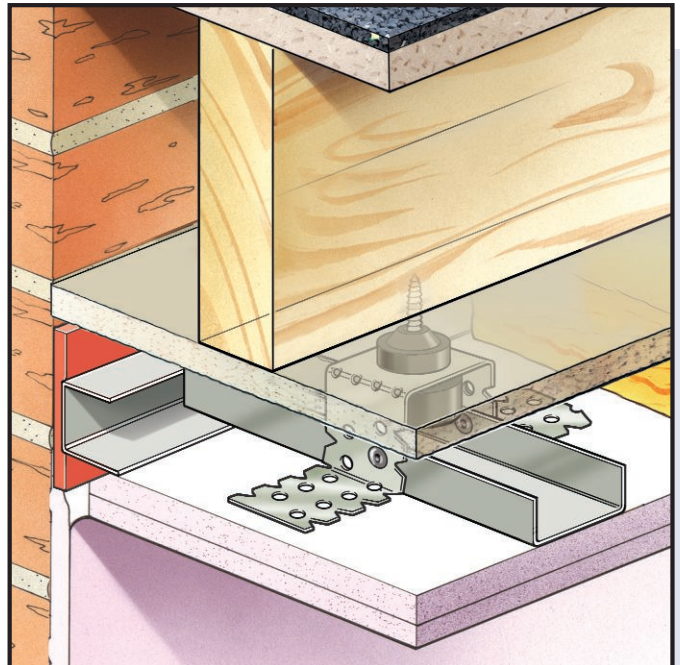
FOR MINIMAL LOSS IN CEILING HEIGHT

5mm lowering of ceiling.

Isosonic Ceiling Bracket ▶

FOR RETAINED CEILINGS

Allows the new sound insulating fire protective ceiling to be installed without the removal of the existing ceiling.



IMPORTANT: FLANKING SOUND TRANSMISSION

The acoustic test measurements for any given floor/ceiling construction will be greatly influence by the **flanking sound transmission** around the perimeter of the floor. Therefore any set of acoustic measurements should only be used for predicting the performance of floors with similar constructions and flanking conditions. The magnitude of the flanking sound transmission can in particular be influenced by the **density** and the **integrity** of the flanking wall and by the effectiveness of the **air seal at the floor to wall and ceiling to wall junctions** i.e by connecting air paths.

Please refer to our website for the **full Installation Instructions**.

ISOSONIC CEILING HANGERS/BRACKETS

a) The number of ceiling hangers/brackets required per square metre of floor will depend on the geometry of the room and the spacing of the hangers/brackets.

b) Spacing of the ceiling hangers/brackets should not exceed 600mm.

PACKAGING

6mm Isorubber Base-

Rolls: 1.00m x 10m = 10m²
Weight per roll: 37kg

Isosonic Ceiling Hangers/Brackets-

Boxes: 100 pieces per box.

FITTING INSTRUCTIONS For full fitting instructions refer to the "Isosonic Timber Floor Installation Guide", obtainable from the Thermal Economics technical department or website.

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**Thermal
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THERMAL & SOUND INSULATION TECHNOLOGY

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