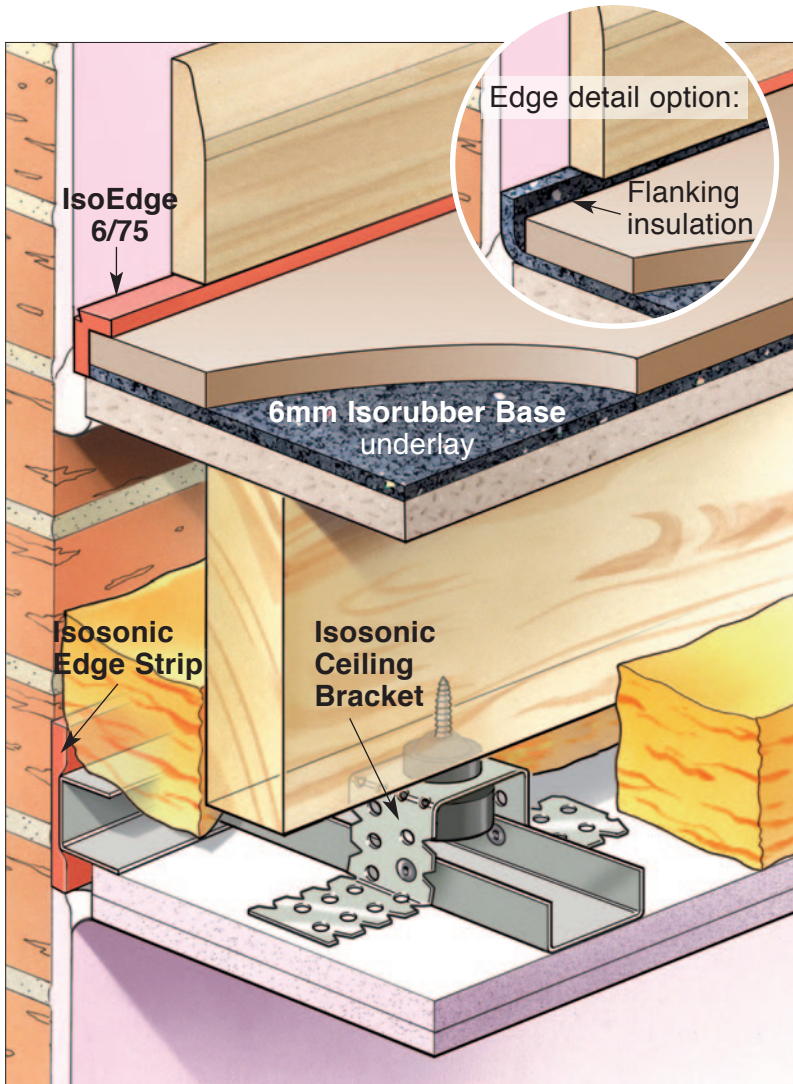


ACOUSTIC INSULATION- TIMBER FLOOR REFURBISHMENT & NEWBUILD



IsoSonic Timberfloor™

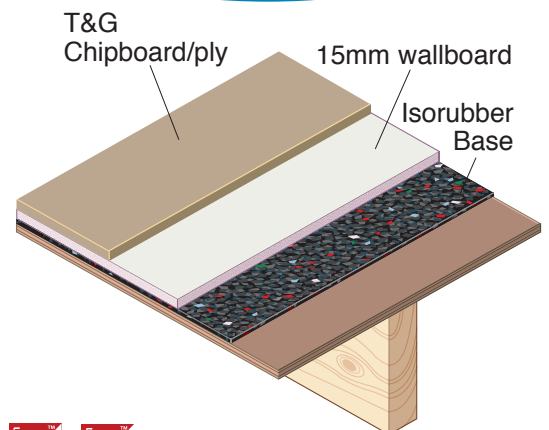
Acoustic insulation solution for refurbishment & newbuild floors

- Simple installation reducing workmanship errors
- Simple flanking sound details for easy installation
- IsoSonic Brackets provide excellent acoustic performance and a fast & simple way to level the ceiling
- Site test performance comparable to R.D. Standards
- Improved performance in airborne sound insulation by adding 15mm wall boards (see below)

Our acoustic insulation system for refurbishment of floors delivers site-tested performance in excess of the Building Regulations (ADE) requirements.

TYPICAL ON-SITE ACOUSTIC TEST DATA			
	Dn _{tw} + C _{tr} Airborne Sound		L _{ntw} Impact Sound
	Approved Document E requirements	Newbuild	45 dB minimum
	Refurbishment	43 dB minimum	64 dB maximum
Site Test results	18mm Chipboard over Isorubber Base	50	56
	Laminate floor over 18mm chipboard over Isorubber Base	51	54

Isorubber Base

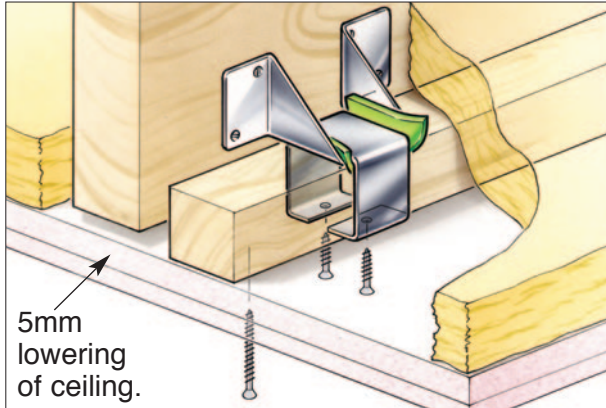


Made from recycled waste rubber

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

Ceiling Hanger type A

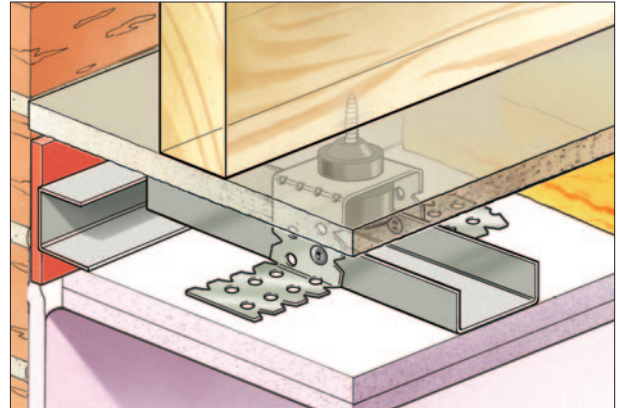
For minimal loss in ceiling height.



Iso sonic 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 influenced 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.

ISO SONIC CEILING HANGERS/BRACKETS

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

PACKAGING

6mm Isorubber Base-

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

Iso sonic Ceiling Hangers/Brackets-

Boxes: 100 pieces per box.

FITTING INSTRUCTIONS-

Please see our website for the 'Iso sonic Timber Floor Installation Guide'.

ENVIRONMENTALLY FRIENDLY MATERIALS - RECYCLED & SUSTAINABLY SOURCED

Thermal Economics is an ISO 9001 and ISO 14001 certified company with a proven history of developing high performance innovative products using recycled and sustainable materials.

We utilise up to 90% recycled materials in our acoustic products, mostly from highly problematic waste rubber.



As this material biodegrades slowly, it's use provides considerable long term performance, plus the benefit of again being fully recyclable.

This demonstrates our passion for making a difference not just in the present, but for our future.



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Visit our website for mobile friendly installation guides



Choose the right product- call Thermal Economics Technical Department on 01582 544255
For all our Acoustic and Thermal insulation products visit: www.thermal-economics.co.uk