

## Space saving acoustic hanger for soundproof ceilings

Oscar Acoustics provide Iso-Mount soundproof ceiling systems that will permanently reduce impact and airborne sound transmission through floors/ceilings.

### Key advantages of Iso-Mount

- Class leading acoustic performance.
- Achieves a fire rating of up to 90 minutes where required.
- Compliant with British building regs Document E for airborne & impact sound.
- The minimum of ceiling height is lost (as little as 6mm).
- Uses widely available standard clip-on steel channels.
- Installed entirely from the room below with no disruption to the room above.
- Appears no different to a standard plastered ceiling once complete.
- Height adjustable, allowing for flat ceilings across uneven joists.



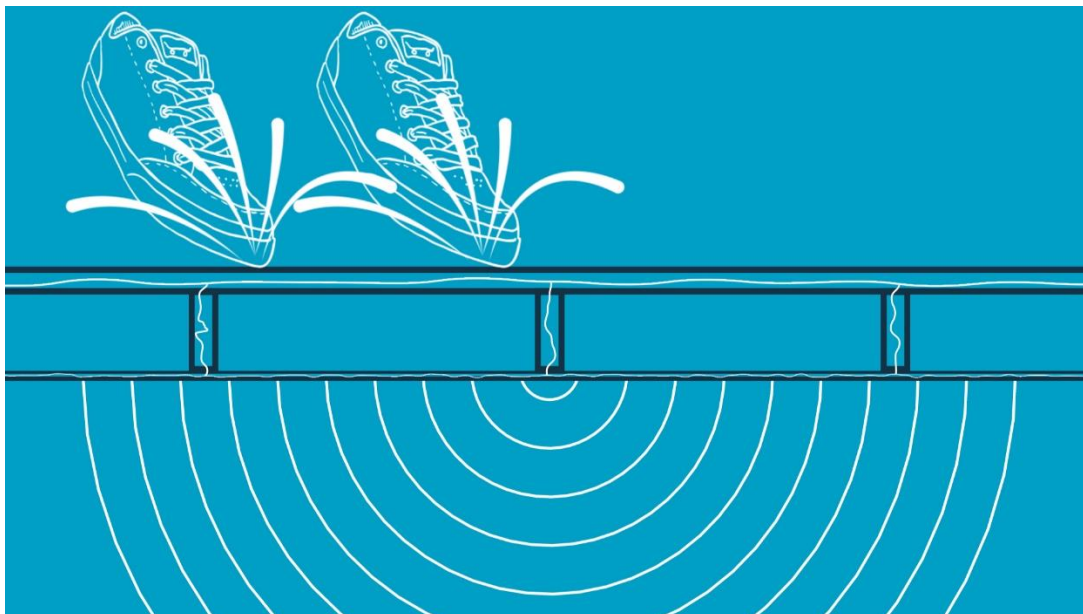
Iso-Mount Type1 achieves minimum ceiling height loss (as little as 6mm)

Building Regulations Document E sets minimum standards for soundproofing residential buildings in England and Wales. While these are great for ensuring new builds and conversions comply, the standards do not apply to existing dwellings, leaving hundreds of thousands of previously built properties with inadequate sound insulation.

The Iso-Mount range is not only compliant, but exceeds the requirements set in Document E for airborne and impact sound. It also achieves a fire rating of up to 90 minutes where required.

## How does sound transmit through ceilings and floors?

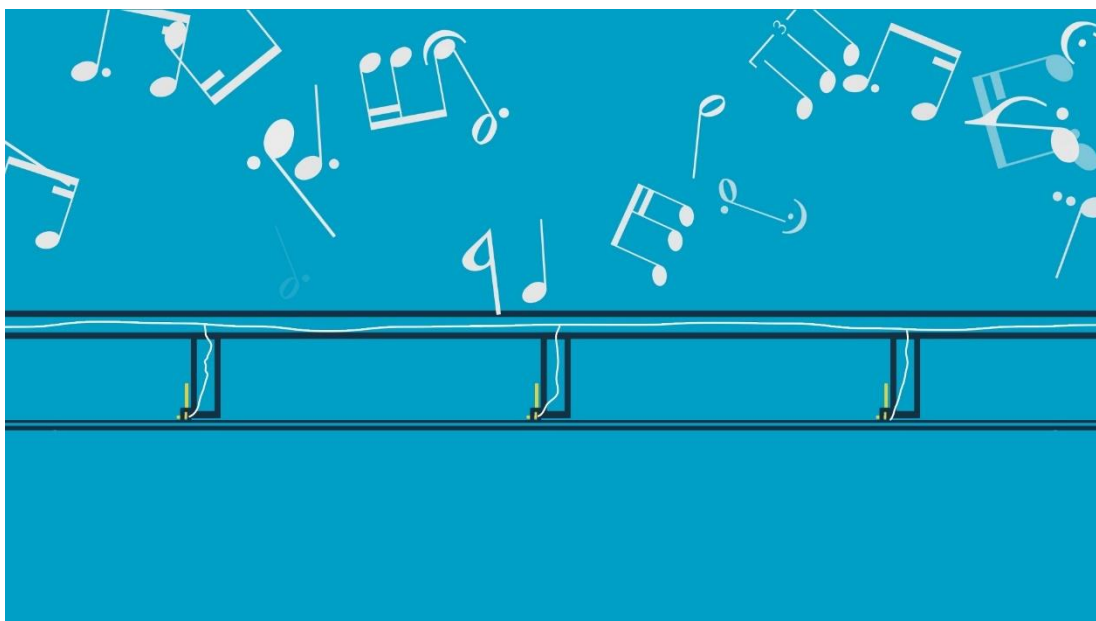
Sound passes through ceilings and floors as vibrations and sound pressure waves generated by footsteps, music or voices in an upper flat. These penetrate and travel through floorboards, joists and ceilings in the form of vibration and noise.



## The solution

By creating an isolated, floating ceiling using Iso-Mount acoustic hangers you will stop the vibration that causes the transfer of unwanted noise from floor to floor. Iso-Mount is designed to achieve outstanding acoustic performance with fast and easy installation. Iso-Mount is a proven, easy to use and affordable soundproof ceiling solution that brings serenity to any space, from houses and flats to offices, shops and restaurants.

Combine with Celbar recycled, thermal sound insulation for ultimate soundproofing performance.





### Iso-Mount Type1

acoustic hanger for timber joist ceilings

- Achieved over 90-minute fire rating
- Minimum ceiling height loss: (as little as 6mm)
- All work carried out from room below

### Iso-Mount Type2

acoustic hanger for timber joist & concrete ceilings

- Fixes under existing concrete & timber joist ceilings
- Extensions available for deeper voids
- All work carried out from room below



### Iso-Mount testimonials

*"I did not fully appreciate at the time, but the use of Iso-Mount with industry standard metal channel was a huge bonus and cost saver. Also, we did not appreciate how much time and money we saved using the adjustable Iso-Mounts to level the uneven joists. Now installed the ceiling is superb and flat as a pancake. In terms of acoustic isolation, the system is superb and overall, I couldn't be more pleased with the end result. The Iso-Mount system is a brilliant way to isolate between floors. I recommend it very highly."*

**Richard Bowler**

Home DIY installer



*"Ceiling is complete...I've tested it by powering up a loud DeWalt router in the garage and seeing how loud it is in the room above.*

*WOW. Can hardly hear it...It really was much quieter than I thought it would be. I can finally use the workshop in the evening when the kids are asleep in the room above. I'll admit not having done it before I was unsure if it would deaden the noise enough for power tools...but I am blown away by how well it works.."*

**James Burrows**

Home DIY installer



*"The whole transaction has been simple and easy. I fitted the ceiling at the weekend, and it's made an instant difference. So much so, that I had to ask the owner of the flat above if he had been using the room above. I will recommend the product to my friends and will use it on other ceilings in my flat."*

**Jim Hood**

Home DIY installer



## Independent acoustic testing by MRL Acoustics Ltd (acoustic consultants)

Iso-Mount soundproof ceiling system before and after test results at 19 Wilberforce Road

Before					
Test No.	Source room	Receiver room	Test type & required sound insulation	Measured sound insulation	Pass/Fail
1	First floor Bedroom 2 (28m3)	Ground floor Dining room (28m3)	Airborne floor 43 dB DnT, w + Ctr (minimum)	24 dB DnT, w + Ctr	Fail
2	First floor Bedroom 2 (28m3)	Ground floor Dining room (28m3)	Impact floor 64 dB L'nt,w (maximum)	82 dB L'nT, w	Fail

After					
Test No.	Source room	Receiver room	Test type & required sound insulation	Measured sound insulation	Pass/Fail
3	First floor Bedroom 2 (28m3)	Ground floor Dining room (28m3)	Airborne floor 43 dB DnT,w + Ctr (minimum)	47 dB DnT, w + Ctr	Pass
4	First floor Bedroom 1 (28m3)	Ground floor lounge (28m3)	Airborne floor 43 dB DnT,w + Ctr (minimum)	46 dB DnT,w+ Ctr	Pass
5	First floor Bedroom 2 (28m3)	Ground floor Dining room (28m3)	Impact floor 64 dB L'nT,w (maximum)	58 dB L'nT,w	Pass
6	First floor Bedroom 1 (28m3)	Ground floor lounge (28m3)	Impact floor 64 dB L'nT,w (maximum)	58 dB L'nT,w	Pass

## Loading

Maximum loading of an Iso-Mount is 18kg. Spaced evenly at 3 x Iso-Mounts per square metre the maximum loading per square metre is 54kg.

## Technical advice and installation guides

Full installation video guides and shop available on our website [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)  
Contact Oscar Acoustics for technical advice:

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