

ISOSONIC BATTENS - Acoustic Floating Floors



IsoSonic Battens

High performance acoustic battens for use in new build and refurbishment projects

IsoSonic Battens provide a simple and effective method of reducing impact and airborne sound through concrete floor constructions and achieving Building Regulation compliance.

- Robust Detail FFT 1 & FFT3 compliant.
- Acoustic layer designed to reduce “bounce” that is usually associated with batten floors.
- Chipboard core reduces warping and twisting.
- Suitable for use on Precast Plank, Insitu Concrete & Steel Composite floors.

Approved Doc Part E requirements

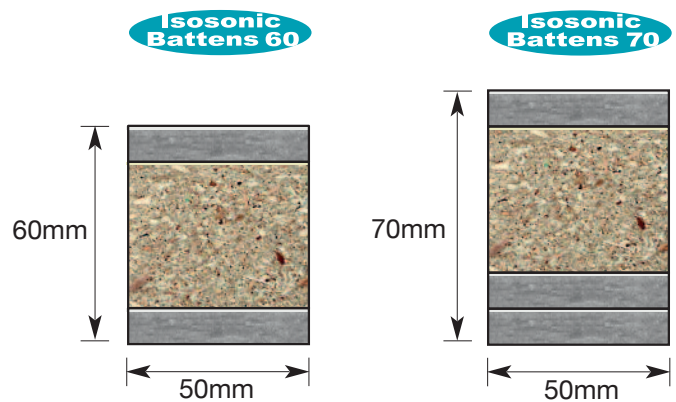
Floor Type 1	Min ΔL_w 17dB
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Robust Details requirements

FFT1	Min ΔL_w 17dB
FFT3	Min ΔL_w 17dB

TEST RESULTS- IsoSonic Battens

IsoSonic Battens 60	ΔL_w 19dB
IsoSonic Battens 70	ΔL_w 19dB



Note - All IsoSonic Battens are 2.4m in length.



Made from recycled waste materials

Robust Details Site Training



According to the latest Robust Detail statistics, most of their test failures are down to poor or incorrect installation.

Thermal Economics are committed to ensuring our products are installed correctly. We provide free on-site training for all sites registering with Robust Details that use our products.

To find out more or to book your training please contact us on **01582 544256**.

Environmentally Friendly Products

Thermal Economics are an ISO 9001 and 14001 certified company.

We utilise recycled materials in the manufacture of many of our acoustic products- some have **over 90% recycled content**. This

provides a means of using highly problematic waste material to the benefit of the environment and reduces the amount of waste going to landfill.

We only use sustainably-sourced, FSC certified timber in the production of our products.



Technical Services

CALCULATIONS

Thermal Economics highly qualified and experienced Technical Department can provide a range of calculations and assessments including:

SAP Calculations

PSi Assessments

Condensation Calculations

U-value Calculations

CSH / BREEAM Assessments

Energy Performance Certificates

DESIGN ADVICE

We can design cost effective solutions that meet your needs and comply with the latest building regulations.

We can also help to provide bespoke, high performance solutions for planning requirements, CSH/BREEAM credits or to overcome project specific issues.

We have recently saved a house builder over £1000 per dwelling, by simply revising the thermal insulations being used. This equates to a £75,000 saving across the site.

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Visit our website for mobile friendly installation guides



For help choosing the right product for your project please contact Thermal Economics Technical Department on 01582 544255

For all our Acoustic & Thermal insulation products visit: www.thermal-economics.co.uk