

ACOUSTIC & THERMAL SOLUTIONS



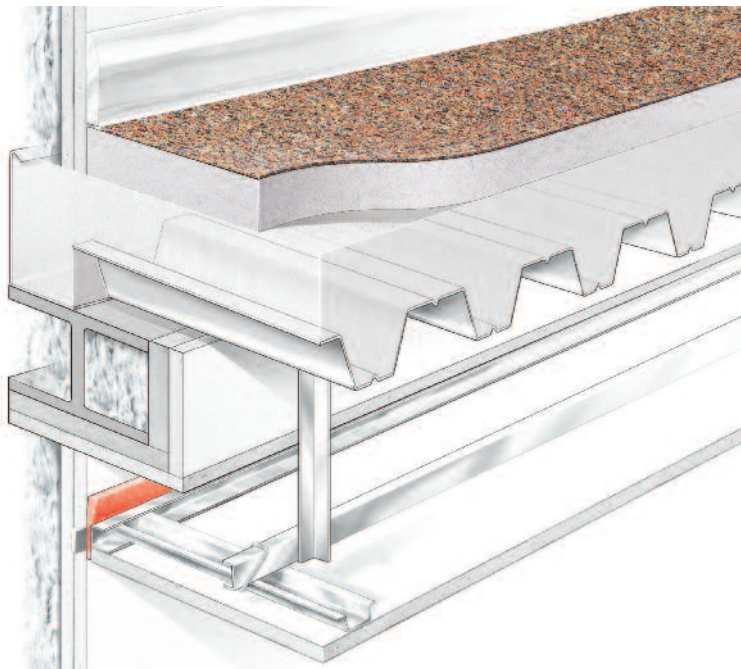
Innovative and Durable Acoustic & Thermal
Insulation for the UK Construction Market

Thermal Economics is a leading manufacturer in thermal and acoustic insulation for the construction industry.

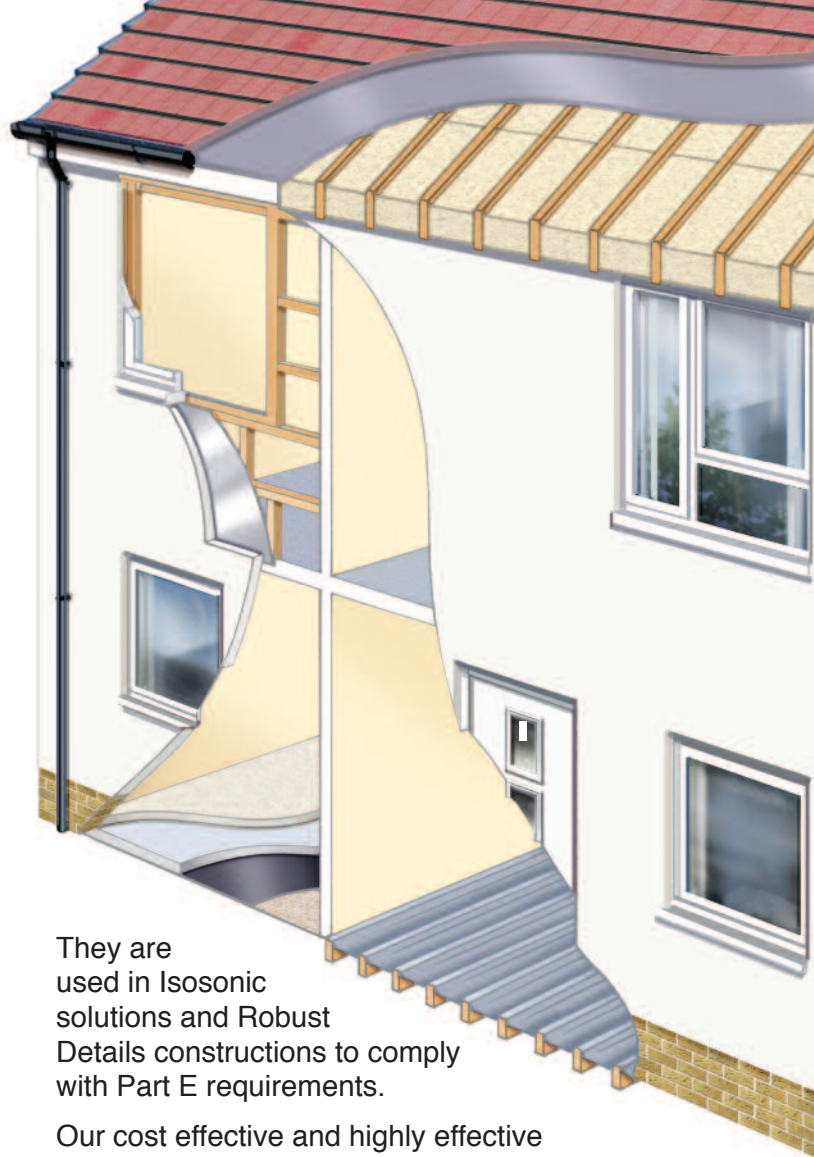
As specialists in this field with over 35 years of success, we continually invest in R&D to provide innovative and high-performance solutions for commercial and private projects that remain cost effective as well as meet and exceed building regulation requirements.

Pioneering Product Development

We continually look for ways to develop our acoustic and thermal product ranges to meet evolving regulatory requirements as well as the overall needs of the housing and commercial projects we support.

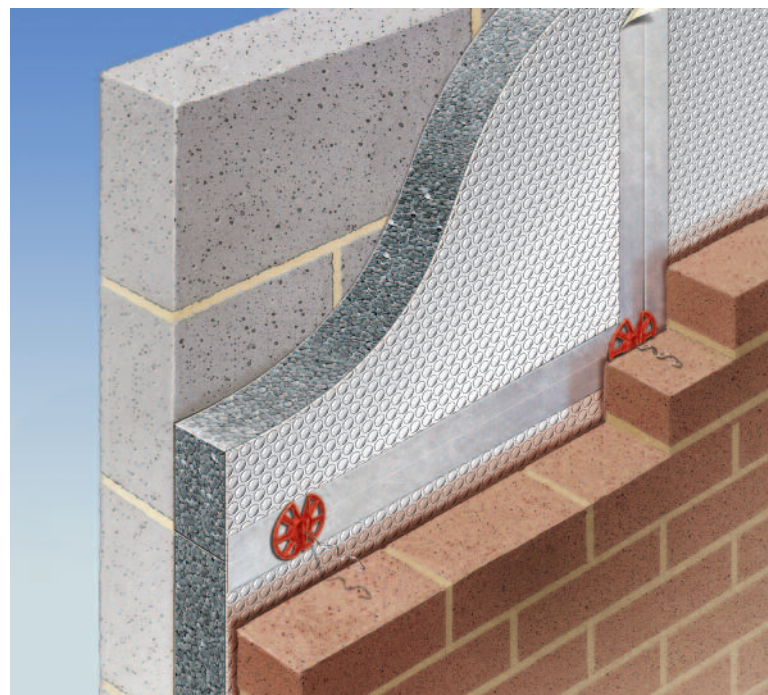


Our innovative and durable acoustic products are designed to minimise the transfer of airborne and impact sound. Products are designed for under screed, soft coverings, floating floors, structural deck and vibration isolation application. These include the Isorubber, Dekfloor and Isovibra ranges.



They are used in Isosonic solutions and Robust Details constructions to comply with Part E requirements.

Our cost effective and highly effective thermal products provide can also be used in our dry lining/damp barrier systems and can be applied to both metal and timber frames. Our products are Part L and Section 6 compliant and include the Alreflex, Platinum and Thermaedge ranges. These can be applied to walls, floors, roofs, thermal bridging, off site and frames.





alternative approaches to further enhance each build with cost effective insulation solutions. Through our cost comparisons, we can demonstrate where our insulations will provide savings, while maintaining the performance levels that are required.

To ensure that our products are installed correctly to meet building regulations and insulation requirements, we also provide the option for onsite training and toolbox talk sessions.

Technical Support from Concept to Completion

At Thermal Economics, we're aligned to your way of thinking. Our technical knowledge and expertise means we can efficiently support the needs of UK distributors, builders, specifiers and sub-traders.

Our wide range of technical services include:

CPD & Education

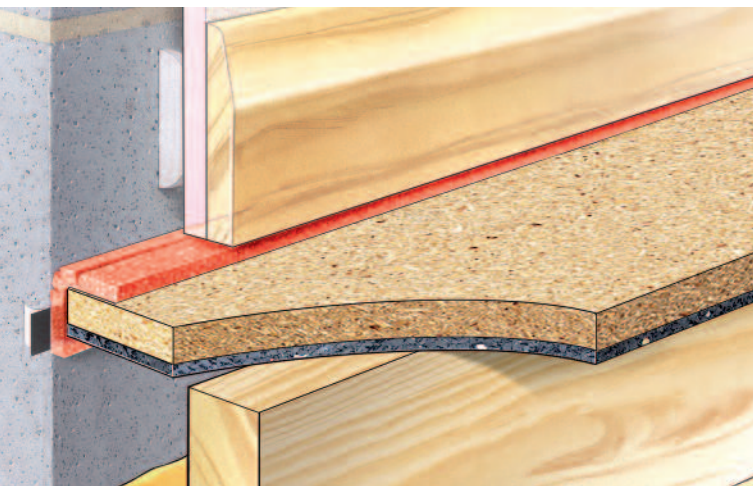
Registered in the RIBA CPD Providers Network, we provide seminars to enhance the insulation knowledge of construction professionals.

Insulation Design Advice

We can advise on the best acoustic and thermal insulations to for a specific project. Whether looking for a cost-effective solution or the best possible performance our team can help you select the right product.

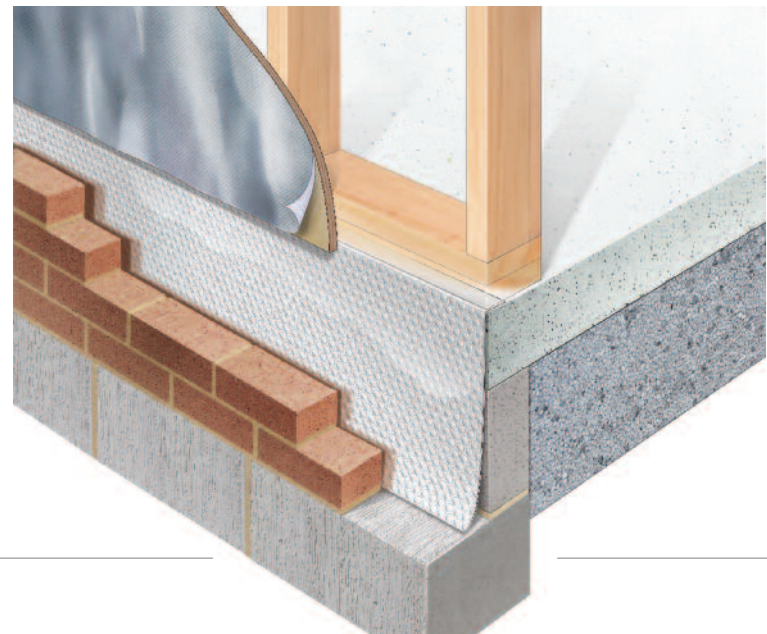
Daylighting Calculations

Designing naturally, well-lit homes is important for the health and well-being of its occupants. Thermal Economics can provide daylighting calculations, design advise and reports for planning submissions.



Delivering the highest level of customer service possible; our teams draw upon a wealth of experience and training to provide assistance at every step of the build process. We have a dedicated team available to answer any questions with detailed knowledge of our products as well as the complimentary products from other suppliers so that we can recommend the best solution for your exact build.

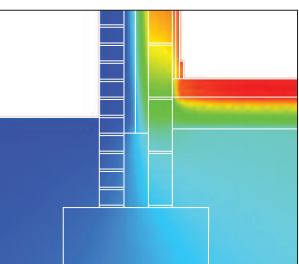
With our understanding of the build process and time scales that need to be considered, we can help you choose the right product for each application as well as recommend



U-values & Interstitial Condensation Calculations

We provide a free U-value calculation and interstitial condensation calculation service for constructions using our products.

Thermal Bridging Assessments



Assessing thermal bridges and calculating their linear thermal transmittance (PSi value or Ψ value) and temperature factor to evaluate the risk of surface condensation and mould growth.

SAP Calculations

We can provide 'SAP' (Standard Assessment Procedure) calculations for new build dwellings.

Code for Sustainable Homes Assessments

Our qualified assessors can advise on the most appropriate thermal and acoustic insulations to use and how they help to provide credits in CSH assessments.

Home Quality Mark Assessments

Our technical department can advise on the most appropriate thermal and acoustic insulations to use and how they help to provide credits in HQM assessments.

BREEAM Multi-residential assessments

Our qualified assessors can advise on the most appropriate thermal and acoustic insulations to use and how they help to provide credits in BREEAM Multi-residential assessments.

Energy Performance Certificates

If we have provided the SAP assessments for a project, we can also provide Energy Performance Certificates (or EPC's) and the SAP worksheets that are required for Building Control sign off.

Onsite Training

Our Tool Box Talks and Robust Details Site Training for installers are a great tool for ensuring products are installed corrected. Often useful for installers that are new to our products or those that are unsure or unconfident when installing these products.



Thermal Economics is an insulation leader in thermal and acoustic solutions for the construction market. As specialists in this field with over 35 years of success,

we continually invest in R&D to provide innovative and high-performance solutions that remain cost effective as well as meet and exceed building regulation requirements.



Made from recycled waste rubber

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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