



Innovators and leading suppliers of Thermal & Acoustic Insulation to the UK Construction Industry.



Insulate Innovate Newsletter

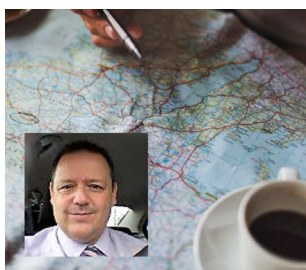
At Thermal Economics, we provide high-performance solutions for commercial and private projects that remain cost effective whilst meeting and often exceed building regulation requirements.

With in-house technical knowledge and expertise, we can well support the needs of UK distributors, builders and sub-traders.

Our quarterly newsletter keeps you informed on our latest products and news within the construction market. If you do have any further questions, please contact us on our details below.

Latest News

Keeping you updated on what has been happening at Thermal Economics over the last quarter.



Delivering thermal & acoustic insulation to Wales & the South West of England

We know that our customers like to do business with people face to face which is why we have continued to build our sales and account management teams with people based all over the UK. Here, we catch up with Gareth Cole, our South West Regional Sales Executive . . . [Click here](#) for the full interview.

Robust Details is only as effective if the contractor is aware of the Robust Details Requirements

Reducing sound transmission is often thought to be a 'dark art' because the performance of sound insulation cannot be calculated in a similar way to thermal insulation. Plus, the commonly held rules of thumb that are logical for heat transmission, do not hold true for sound. This creates a risk in design, because the performance criteria for Part E in the Building Regulations depends on results obtained from pre-completion testing . . . Read more [here](#).

robustdetails®



Fulfilling the insulation needs for Social Housing

We know that whilst plans are under way and funding has been allocated; housing associations and local authorities continue to need to maximise budgets to achieve their housing objectives. One key component in both the build of new affordable homes and the regeneration of existing developments, is insulation . . . Read more [here](#).



Quick guide to sound insulation for floors

Many flats aren't new buildings; they used to be large houses, offices, even factories. However, they all need to comply with the Building Regulations. We are sharing this simple guide which contains key information on the sound performance requirements in the Building Regulations and some of our materials that work well in refurb projects. Read more [here](#).

Solution Showcase

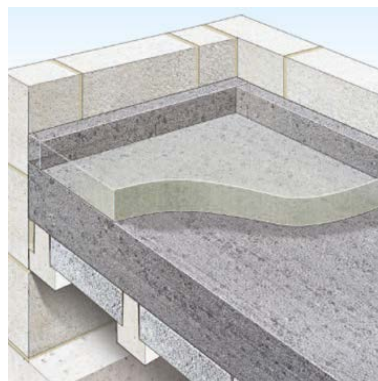
Our Technical and Sales Teams have informed us that the top 3 products that have proven to be most popular this quarter have been:



Isosonic Dek 30

Easy to fit T&G acoustic structural floor for sound proofing and noise reduction applications.

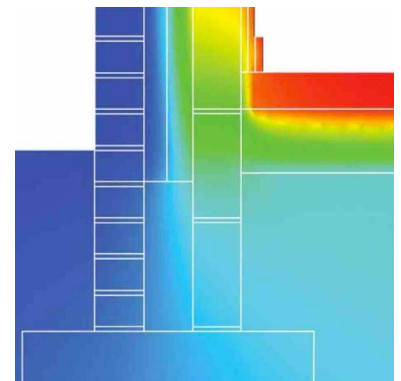
- Provides structural deck and acoustic insulation.
- Continues to perform for the lifetime of the building
- Suitable for use with under floor heating.
- Simple installation.



Platinum Ground Floor

Platinum Ground Floor Insulation is a graphite enhanced EPS board that provides an extremely cost effective alternative to PUR / PIR boards.

- Up to 40% cost saving over equivalent PUR solutions
- Non-hygroscopic
- Simple installation
- Zero ODP and GWP <5



PSi Value Assessments

We can assess thermal bridges and calculate their linear thermal transmittance (PSi value or Ψ value and temperature factor to evaluate the risk of surface condensation and mould growth.

- Can be included in SAP and SBEM assessments
- All assessments comply with BS EN ISO 10211: 2007 and BR 497
- Where risk of condensation is found, insulation recommendations can be made

[Read more](#)

[Read more](#)

[Read more](#)

Thermal Economics is an insulation leader in thermal and acoustic solutions 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.

Technical knowledge and expertise means we can well support the needs of UK distributors, builders and sub-traders. Our acoustic products include the [Isorubber](#) and [IsoVibra](#) ranges which are used in our [Isosonic](#) solutions and [Robust Detail](#) constructions which are Part E compliant. Our thermal products include the [Alreflex](#), [Platinum](#) and [Thermaedge](#) ranges which are used to provide Part L and Section 6 compliant solutions.