

SIG INSULATIONS

SPOTLIGHT ON...



CELOTEX FR4000 - WHEN ONLY THE BEST INSULATION WILL DO





As the UK's pioneers of PIR insulation, Celotex – with its policy of continual product development and innovation – continues to pave the way forwards; developing new product solutions to meet the current and future targets of zero carbon regulations and fulfilling the requirements of building professionals, specifiers and users.

These developments are represented in their extensive product range. Celotex offers an unrivalled range of thicknesses - from as thin as 12mm through to 200mm - with products suitable for pitched and flat roofs, walls and floors. Celotex also offer a plasterboard thermal laminate and have a range of accessory products to make installation even easier.

The most recent enhancement to the product range is the improved FR4000 – Celotex' premium performance PIR solution.

Through ongoing product innovation and breakthrough design, FR4000 represents pioneering advancement within the PIR industry, uniquely offering superior performance in terms of combined thermal efficiency, sustainability and fire performance.

Thermal performance

FR4000 has a consistent thermal conductivity value of 0.022W/mK. This enhanced performance allows for lower U-values to be achieved in building design and improved thermal performance in application.

Sustainability

FR4000 achieves an 'A' rating in the 2008 Green Guide, helping to achieve credits within the relevant sections

of sustainability frameworks such as BREEAM schemes and the Code for Sustainable Homes. In addition, FR4000 is also low GWP and zero ODP rated, further emphasising its sustainability performance.

Fire

FR4000 is the only PIR insulation with Class O fire performance throughout, as tested in accordance with Parts 6 and 7 of BS 476.

Thickness range and applications

FR4000 is available from 25mm to 200mm, providing a broad range of product thicknesses and solutions for use in a wide range of applications. FR4000 is suitable for use within walls, floors and roofs. In addition, the smaller sized CG4000 is specifically targeted at partial-fill cavity walls.

FR4000 product overview

- Premium thermal performance
- 0.022W/mK lambda
- 'A' rated within the BRE 2008 Green Guide
- Low global warming potential
- Zero ozone depletion potential
- Class O fire performance

FR4000 and CG4000 provide an unrivalled PIR solution to the specifier, supplier and end user.

For more information and to request a sample pack, visit celotex.co.uk today.



ABOUT SIG INSULATIONS

SIG Insulations is the UK's market leading specialist distributor of insulation, dry lining and related products to construction and industry, comprising 21 companies and serving a wide range of industries and specialist markets.

Our businesses are engaged in the following areas, offering customers a service that fully integrates products, solutions and technical support.

- Insulation materials for thermal, acoustic and fire protection
- Timber frame insulation
- High temperature insulation
- Dry lining and plasterboards
- Fire protection boards
- House building materials
- Sustainable/renewable technologies
- Building products
- Industrial insulation
- Plumbing, heating and ventilating
- Marine and power

- Oil and gas processing
- Chemical and pharmaceutical
- Food chain process and manufacture
- Cold storage
- Asbestos removal
- Specialist cladding
- Specialist fabrication
- Chimneys, dormers & canopies
- Engineering maintenance
- Tools and ancillaries

This publication contains manufacturer's product information, the views expressed are not necessarily those held by SIG Insulations. Whilst every effort has been made to ensure that the information is current and correct, as distributors SIG Insulations cannot accept responsibility for the application and performance levels of the products featured. Neither can we accept responsibility where the manufacturer's instructions have not been followed.



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Celotex products are available from the following SIG Insulations stockists.



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