

SPOTLIGHT ON...

Stockists

EcoTherm products are available from the following SIG Insulations stockists.



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Tonbridge Branch
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www.sheffins.co.uk



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Crewe Branch
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www.warren.co.uk



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www.orientrent.co.uk



Aberdeen Branch
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Bristol Branch
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Plymouth Branch
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www.kitsonsthermal.co.uk



STOCKISTS & DISTRIBUTORS OF INSULATION MATERIALS & BUILDING PRODUCTS

Shobdon Branch
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Wolverhampton Branch
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www.woodsinsulation.co.uk



Southampton Branch
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London Branch
Tel: 020 8556 4411 Fax: 020 8556 4472

www.solentinsulation.co.uk



Brighton Branch
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Epsom Branch
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Worthing Branch
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www.franklinltd.co.uk



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www.chdwhittlesey.co.uk



Witney Branch
Tel: 01993 700993 Fax: 01993 708993

www.chinsulation.co.uk



Stirling Branch
Tel: 01786 849100 Fax: 01786 849940

www.clyde-insulation.co.uk



Basingstoke Branch
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Bow Branch
Tel: 020 8985 9802 Fax: 020 8985 6175

Brentford Branch
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SIG INSULATIONS

www.siginsulations.co.uk

SIG INSULATIONS

SPOTLIGHT ON... EcoTherm[®]

ECOTHERM INSULATION USED IN BEDFORD'S PRESTIGIOUS CASTLE QUAY DEVELOPMENT



An exciting new residential and commercial development in Bedford's conservation area includes EcoTherm's ultra-lightweight PIR (polyisocyanurate) roofing insulation technology throughout. The Castle Quay complex, situated close to the River Great Ouse and the town's historic Castle Mound, comprises four insulated flat roof apartment blocks surrounding a courtyard parking area, three restaurants, and scope for further retail units.

EcoTherm supplied its Foil-Therm PIR board through Sheffield Insulations Bedford branch, to roofing specialist CA Single Ply for the four main apartment blocks, and restaurants - which are topped with an eco-friendly "green" sedum roof - a total area of 550m².

The restaurants units' roof structures are formed from metal decking supporting Foil-Therm boards and a PVC and glass fibre sheet with a fleece separation layer, filter matting and a top layer of sedum. The four apartment blocks have similar roof constructions, but with ply roof decks rather than metal decking, ranging in area from 230m² to 530m².



Sheffield Insulations Bedford branch were involved in the project from the estimation and specification stage, through to supply and ultimately completion.

Same day, timed deliveries were carried out by the branch in order to meet demanding site requirements and vehicles with a Moffett Mounty off-load facility were used for large deliveries.

The prestigious Castle Quay development is situated in Bedford's cultural quarter, close to the town's museums and art galleries, and the four terraces have been designed to blend with the other historic buildings in the area. Many of the 108 highly-specified apartments and all three restaurant units have south-facing aspects, overlooking the new archaeological park and the river.

EcoTherm's Marketing Manager, Dale Kaszycki, says, *"Our ability to provide a speedy response was a key factor in winning this business. Together with Sheffield Insulations Bedford branch we offer contractors a unique combination of high performance products supported by first-class logistics and comprehensive customer support."*

EcoTherm Foil-Therm insulation boards are designed for use with mechanically-fixed single ply membranes. They have a PIR core, are faced with supported aluminium foil on both sides and are supplied in standard 1,200mm by 2,400mm sheets. A 100mm Foil-Therm board waterproofed with a single layer membrane, as in the Castle Quay development, will typically give a U-value of 0.20W/m²k on a metal deck. EcoTherm rigid PIR boards offer one of the thinnest thermal insulation solutions available, saving between a 33 – 50% of the thickness of mineral wool or expanded polystyrene for any given target U-value.

EcoTherm is one of Europe's leading manufacturers of PIR boards for floors, cavity walls, flat roofs and pitched roofs. EcoTherm's range of products offers an ideal combination of exceptional thermal insulating properties, high strength and light weight, making for ease of transport, handling and installation, and allowing light supporting structures. The boards' durability ensures their energy saving properties remain undiminished over the complete life of the building.





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/renewal 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

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