

PRESS
release

Isover enhances timber frame systems with the launch of 140mm timber frame batt

Isover, leading developer of sustainable insulation solutions to protect both the natural and built environment, has introduced a new 140mm thickness version to its Timber Frame Batt 32 range enhancing the performance of timber frame external wall systems.

Providing excellent thermal performance, the product reduces heat loss through external walls, improving the energy efficiency and carbon footprint of a building as part of two advanced timber frame systems that can meet Code for Sustainable Homes (CfSH) Level 4 and Level 6 respectively. Ideal for use in Passive House constructions and buildings with mechanical heat recovery systems, Isover's timber frame systems can achieve an overall construction U-value down to 0.14W/m²K.

Previously, 50mm and 90mm thicknesses of Timber Frame Batt 32 were layered in applications where 140mm of insulation was required. The new 140mm product means that the same performance level can be achieved in just one layer, saving time on site, simplifying installation, and ensuring performance in-situ.

Boasting excellent thermal and acoustic insulation for timber walls to help meet Part L 2010 (England and Wales) and Section 6 (Scotland), Isover 140mm Timber Frame

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Batt 32 also boasts a thermal conductivity of up to 0.032 W/mK when installed on its own.

Tom Foster, Isover's structural insulation product manager comments: "Offering our Timber Frame Batt 32 in a 140mm thickness has a number of practical advantages. As only one layer of insulation has to be installed, the new product is easier to fit and takes up less storage space on site, improving the time and cost of installation.

"Installed on its own the product will meet Building Regulations, but when used with Isover's Timber Frame system, which incorporates the company's innovative Vario air tightness membrane, it can achieve Level 4 and 6 of the Code for Sustainable Homes requirements and reduce heat loss through the building envelope to a tenth of the levels in a conventional house."

Manufactured under a Quality Assurance Scheme in accordance with EN ISO 19001:2008 Isover Timber Frame Batt 32 corresponds to the generic specification 'Glass wool insulation – density 48 kg/m³ ref 815320004' which achieves a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail and Education and has a Euroclass A1 fire rating.

Isover offers a range of high performance insulation products designed to meet thermal, acoustic and fire safety requirements for the built environment. The company is committed to continuously improving the way in which its products and processes impact on the natural environment and is the only glass mineral wool manufacturer to achieve the maximum possible recycled content, 86 per cent, using recycled glass that would otherwise go to landfill.

The company's market-leading efficiency means less energy is used in the manufacturing process and the use of Isover insulation helps to reduce emissions. Products also boast ODP (Ozone Depletion Potential) and GWP (Global Warming

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Potential) ratings of zero. Its three point plan for environmental sustainability ensures that Isover and its products, in manufacture and when in-situ, use less materials, less energy and produce less emissions.

For further information please visit www.isover.co.uk/notjustfortoday.

ends

(506 words)



- ★ Less Materials
- ★ Less Energy
- ★ Less Emissions

Note to Editors

Your environment. It's the nature of our business. Isover develops sustainable insulation solutions to protect both the built environment and the natural environment and is the only glass mineral wool manufacturer to achieve the maximum possible recycled content, 86 per cent, using recycled glass that would otherwise go to landfill.

Isover products provide the highest performing energy efficiency and acoustic insulation solutions that are safe to use and that help protect the environment. Over a typical 50 year lifespan of a building Isover insulation will save 300 tonnes of CO₂, which equates to over 375 times more CO₂ than is needed for its manufacture.

Isover insulation warms and protects one in three European and one in five American homes. The company is committed to ongoing R&D to deliver technical excellence and global leadership in glass mineral wool insulation. It is also part of the Saint-Gobain Group, a worldwide leader in the design, manufacture and distribution of building materials for the construction market.

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