



Isover Timber Frame Batt 40

Thermal and acoustic insulation for timber frame walls

Isover Timber Frame Batt 40 is a medium density glass mineral wool slab supplied in 90-140mm thicknesses. The strong, resilient and flexible batts are 570mm wide to fit between standard 600mm stud centres.

Isover Timber Frame Batt 40 provides thermal performance in external timber frame walls to meet and exceed UK thermal building regulations.



Features and Benefits



Thermal performance

Thermal conductivity of 0.040 W/mK. Provides excellent thermal performance, reducing heat loss within the building envelope.



Recycled Content

Manufactured from up to 86% recycled post-consumer glass that would otherwise go to landfill.



Non-combustible

Isover glass mineral wool insulation has an A1 Euroclass fire rating – the best attainable.



Easy to install

Push fits between 600mm timber stud centres with no need for additional fixings. Two batts end-to-end typically fit standard storey height.

Product Code	Thickness (mm)	Width (mm)	Length (mm)	Batts per pack	Pack area (m ²)	Packs per pallet	Pallet area (m ²)	λ_D , Declared Thermal Conductivity, (W/mK)	R_D , Declared Thermal Resistance, (m ² K/W)
5200625341	90	570	1175	14	9.38	20	187.60	0.040	2.25
5200625345	140	570	1175	8	5.36	24	128.64	0.040	3.50

Characteristic	Description
Thermal	<ul style="list-style-type: none"> All Isover products are manufactured under BS EN 13162:2012 and 13172:2012 for factory made mineral wool products. Isover Timber Frame Batt 40 has a declared thermal conductivity of 0.040 W/mK.
Fire	<ul style="list-style-type: none"> Euroclass A1 fire rating when classified to BS EN 13501-1. Class 'O' Compliance.
Environmental	<ul style="list-style-type: none"> All Isover products are manufactured under Environmental Management System – ISO 14001:2004. Zero ODP (Ozone Depletion Potential), GWP < 5 (Global Warming Potential). The manufacturing process does not use or contain CFC's, HCFC's or other damaging gases.
BRE statement	<ul style="list-style-type: none"> Isover Timber Frame Batt 40 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 12 kg/m³ ref 815320001 which achieves a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail, Education. NB: The density stated above is part of a generic BRE classification and does not reflect the exact specification of the product.
Quality	<ul style="list-style-type: none"> All Isover products are manufactured under Quality Management Standard – ISO 9001:2008. Isover Timber Frame Batt 40 is manufactured under BS EN 13162:2012 (Thermal insulation products for buildings - Factory made mineral wool (MW) products).
Building regulations	<ul style="list-style-type: none"> Helps to meet the requirements of UK thermal building regulations.
Recycled content	<ul style="list-style-type: none"> Isover glass mineral wool insulation is manufactured from up to 86% recycled glass that would otherwise go to landfill. This makes Isover one of the most environmentally sustainable insulation products on the market today.
Durability	<ul style="list-style-type: none"> No change in reaction to fire properties for mineral wool products. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time. Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air. (See std EN13162:2012 Annex ZA, Table ZA.1) Will not accelerate corrosion with steel, copper or aluminium. Will not sustain vermin, nor breed or promote fungi or bacteria.
Handling and storage	<p>Isover products are supplied fully palletised, offering the following benefits:</p> <ul style="list-style-type: none"> Weatherproof packaging for outside storage Reduced haulage costs Less handling therefore less damage Less handling therefore less damage Reduced storage space Faster loading, unloading and counting
Health & safety	<ul style="list-style-type: none"> A Material Safety Data Sheet can be obtained from the Isover website. Our REACH statement can be found at www.isover.co.uk
Certification	<ul style="list-style-type: none"> CE marked (1121-CPR-BA0053) to BS EN 13162:2012. Designation code: MW EN13162 T3.

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