Isover CWS 32

Thermal insulation for external masonry walls

Isover CWS 32 is a glass mineral wool batt supplied in 50-150mm thicknesses. The strong, resilient and flexible batts are 455mm wide to fit between standard wall tie spacing.

Isover CWS 32 provides excellent thermal performance in external masonry cavity walls to meet and exceed UK thermal building regulations.

Features and Benefits

Thermal performance

Declared thermal conductivity (λD) of 0.032 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.

Protected planet

Zero Ozone Depletion Potential (ODP) and Global Warming Potential of less than 5.

Product Code	Thickness (mm)	Width (mm)	Length (mm)	Pack area (m^2)	Packs per pallet	λD, Declared Thermal Conductivity, (W/mK)	RD , Declared Thermal Resistance, (m^2K/W)
5200625455	50	455	1200	7.64	15	0.032	1.55
5200625457	65	455	1200	6.55	15	0.032	2.00
5200625459	75	455	1200	5.46	15	0.032	2.30
5200625461	85	455	1200	4.37	15	0.032	2.65
5200625463	100	455	1200	3.28	15	0.032	3.10
5200619452	125	455	1200	2.73	15	0.032	3.90
5200619455	150	455	1200	2.18	15	0.032	4.65

BBA APPROVAL INSPECTION TESTING CERTIFICATION

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Your environment. It's the nature of our business.

Characteristic	Description
Thermal	• All Isover products are manufactured under BS EN 13162:2012 and 13172:2012 for factory made mineral wool products. • Isover CWS 32 has a declared thermal conductivity of 0.032 W/mK.
Fire	• Euroclass A1 fire rating when classified to BS EN 13501-1. • Class 'O' Compliance.
Water Absorption	• Short term water absorption testing to EN 1609 proves WS<1.
Environmental	• 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	• Isover CWS 32 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation' ref 815320004 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	• All Isover products are manufactured under Quality Management Standard – ISO 9001:2008. • Isover CWS 32 is manufactured under BS EN 13162:2012 (Thermal insulation products for buildings - Factory made mineral wool (MW) products).
Building regulations	• Helps to meet the requirements of UK thermal building regulations.
Recycled content	• 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	• 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	Isover products are supplied fully palletised, offering the following benefits: • 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	• A Material Safety Data Sheet can be obtained from the Isover website. • Our REACH statement can be found at www.isover.co.uk
Certification	• BBA approved (CertNo:90/2465) external wall solution. The detail removes the requirement for retaining discs and cavity barriers. • CE marked (1121-CPR-BA0053) to BS EN 13162:2012.

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