



Isover CWS 36

Thermal insulation for external masonry walls

Isover CWS 36 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 36 provides thermal performance in external masonry cavity walls to meet UK thermal building regulations.



Features and Benefits



Thermal performance

Declared thermal conductivity (λ_D) of 0.036 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	λ_D , Declared Thermal Conductivity, (W/mK)	R_D , Declared Thermal Resistance, (m ² K/W)
5200619442	50	455	1200	10.92	20	0.036	1.35
5200619446	65	455	1200	8.74	25	0.036	1.80
5200619447	75	455	1200	8.74	20	0.036	2.05
5200619448	85	455	1200	6.55	20	0.036	2.35
5200619449	100	455	1200	6.55	20	0.036	2.75
5200619450	125	455	1200	4.37	25	0.036	3.45
5200619435	150	455	1200	3.28	20	0.036	4.15



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

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 CWS 36 has a declared thermal conductivity of 0.036 W/mK.
Fire	<ul style="list-style-type: none"> Euroclass A1 fire rating when classified to BS EN 13501-1. Class 'O' Compliance.
Water Absorption	<ul style="list-style-type: none"> Short term water absorption testing to EN 1609 proves WS<1.
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 CWS 36 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation' ref 815320002 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 CWS 36 is manufactured under BS EN 13162:2012 and BS EN 13172:2012 (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"> 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 and BS EN 13172:2012. Designation Code: MW EN13162 T4 WS.

www.3pointplan.co.uk

www.isover.co.uk

Buildings Insulation - Technical Enquiries:
Tel: 0115 945 1143
Email: isover.enquiries@saint-gobain.com

Publish date: January 2014
Isover Document Reference: I-CWS-PDS-1401

Isover
UK Commercial Centre
Gotham Business Park
Leake Road, Gotham
Nottinghamshire NG11 0LB
Tel: 0115 969 8010
Fax: 0115 983 1675
Email: isover@saint-gobain.com

Saint-Gobain Isover reserve the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Saint-Gobain Isover will endeavor to ensure publications are up to date, it is the users responsibility to check with us that it is correct prior to use.