

Product Data Sheet

Application: External Walls

CAVITY WALL SLAB (CWS) 36



Thermal Insulation for External Masonry Cavity Walls

Cavity Wall Slab (CWS) 36 is a glass mineral wool slab providing thermal performance in external masonry cavity walls. Manufactured with a water repellent binder, the strong, resilient and flexible slabs are 455mm wide to fit between standard wall tie spacing.

Features and Benefits



Thermal Performance

Thermal conductivity of 0.036 W/m.K. Helps to reduce heat loss within the building envelope and decrease energy costs.



BBA Certified

Cavity Wall Slab (CWS) 36 has been assessed by the BBA as fit for use in defined full fill and partial fill masonry cavity wall applications if installed, used and maintained as set out in the certificate. Please read the certification at insulation-UK.com/BBA for full details and restrictions.



Fire Classification

Achieves a Euroclass A1 Reaction to Fire classification, according to EN 13501-1.



Sustainability

Achieves a BRE Green Guide rating of A+ which can assist in demonstrating environmental performance in your BREEAM assessments. Manufactured from up to 75% recycled glass on a plant that uses 100% renewable electricity. For further details, see the Environmental section below or visit insulation-uk.com/ CSR



Easy to Install

Slabs are 455mm wide to fit standard wall tie spacing for straightforward installation. No requirement for retaining discs when fully filling the cavity.

Key Considerations

When using ISOVER Cavity Wall Slab (CWS) 36, you need to satisfy yourself that use of the product meets all relevant national Building Regulations and guidance as well as local, national and other applicable standards relevant for your construction or application, including requirements in relation to fire and applicable height restrictions.

Please refer to the following product documents which are available at insulation-uk.com/products/isover-cavity-wall-slab-cws-36 (product properties) and insulation-uk.com/healthandsafety (safety properties):

- BBA certificate
- Declaration of Performance
- Safe Use Instruction Sheet

Product Specification

Product code	Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Pack area (m ²)	Packs per pallet	Pallet area (m ²)	λD Declared thermal conductivity (W/m.K)	RD Declared thermal resistance (m ² .K/W)
5200625441	50	1200	455	20	10.92	20	218.40	0.036	1.35
5200625443	65	1200	455	16	8.74	25	218.40	0.036	1.80
5200625445	75	1200	455	16	8.74	20	174.72	0.036	2.05
5200625447	85	1200	455	12	6.55	20	131.04	0.036	2.35
5200625449	100	1200	455	12	6.55	20	131.04	0.036	2.75
5200625451	125	1200	455	8	4.37	25	109.20	0.036	3.45
5200625453	150	1200	455	6	3.28	20	65.52	0.036	4.15

Characteristics

Thermal Declared thermal conductivity of 0.036 W/m.K under EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.

Fire Euroclass A1 Reaction to Fire classification according to EN 13501-1.

Environmental All ISOVER products are manufactured under Environmental Management System - ISO 14001. Achieves an A+ Green Guide rating for glass mineral wool insulation ref 815320002 that can assist in demonstrating the environmental performance within BREEAM assessments.

Recycled Content Manufactured from up to 75% recycled glass.

Certification UKCA Marked to BS EN 13162. CE Marked to EN 13162. Designation code: MW-EN 13162-T4-WS. BBA Approved (Cert No: 18/5560) for full fill and partial fill masonry cavity wall applications when installed, used and maintained as set out in the certification. Please visit insulation-uk.com/BBA to read the full certification for details and restrictions.

Handling, Storage, Health and Safety Information regarding storage, installation and handling of ISOVER products and health & safety information can be found at insulation-uk.com/healthandsafety.

Quality All ISOVER products are manufactured under Quality Management Standard - ISO 9001.



ISOVER

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Published date: 08 Feb 2023

Document reference: 001-451

ISOVER reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at insulation-uk.com

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