

**Product Data Sheet**

**Application:** HVAC

# ISOVER CLIMCOVER SLAB ALU2



## HVAC - Thermal insulation for rectangular metal ductwork.

Isover Climcover Slab Alu2 is a robust glass mineral wool slab which can be considered for the thermal and acoustic insulation of rectangular metal ductwork. The slabs are lightweight and feature a factory applied aluminium foil facing providing an inherent vapour barrier and professional finish.

## Features and Benefits



### Thermal Performance

Offers energy savings through helping to control temperatures and reduce heat loss or gain within ductwork.



### Fire Classification

Achieves a Euroclass A2-s1,d0 Reaction to Fire classification, according to EN 13501-1.



### Acoustic Benefits

The fibre structure of glass mineral wool traps sound energy, helping to improve the acoustic comfort of those living or working within the building.



### Sustainability

Manufactured from up to 82% recycled glass with all electric equipment in the plant powered by 100% renewable electricity. For further details, see the Environmental section below or visit [isover.co.uk/CSR](https://isover.co.uk/CSR).



### Ease of Install

Lightweight and offers a combination of flexibility and mechanical strength, allowing fast and efficient cutting and fitting. The uniform shape and consistent thickness of the slabs make them easy to handle and install.

# Key Considerations

When using Isover Climcover Slab Alu2 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.

Please refer to the following product documents:

- Declaration of Performance - available at [isover.co.uk/products/Isover-climcover-slab-alu2](https://isover.co.uk/products/Isover-climcover-slab-alu2)
- Safe Use Instruction Sheet - available at [isover.co.uk/healthandsafety](https://isover.co.uk/healthandsafety)

# Product Specification

Product code	Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Pack area (m <sup>2</sup> )	Packs per pallet	Pallet area (m <sup>2</sup> )
5200625475	40	1200	600	12	8.64	16	138.24
5200625477	50	1200	600	10	7.20	16	115.20

# Thermal Conductivity

Mean temp °C	10	40	50	100	120
Declared thermal conductivity (W/m.K)	0.032	0.037	0.039	0.049	0.054

# Characteristics

**Fire** Euroclass A2-s1,d0 Reaction to Fire classification according to EN 13501-1.

**Service Temperature** Can be considered for continuous service temperatures from 5°C to 150°C. The temperature on the aluminium facing should not exceed 80°C. For applications over 150°C, please contact our Technical Support Centre. When using the product for the insulation of ductwork with a surface temperature below dew point, care must be taken to ensure a 100% vapour barrier is maintained.

**Environmental** All Isover products are manufactured under Environmental Management System - ISO 14001.

**Recycled Content** Manufactured from up to 82% recycled glass.

**Certification** UKCA Marked to EN 14303. CE marked to EN 14303. Designation code: MW-EN 14303-T3.

**Quality** All Isover products are manufactured under Quality Management Standard - ISO 9001. Please visit [isover.co.uk/accreditations](https://isover.co.uk/accreditations) for further details.

**Handling, Storage, Health and Safety** Information regarding storage, installation and handling of Isover products and health & safety information can be found at [isover.co.uk/healthandsafety](https://isover.co.uk/healthandsafety). Achieves a Eurofins Gold product status for indoor air quality (certificate available at [isover.co.uk/Eurofins](https://isover.co.uk/Eurofins)). EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008 (to download the certification, please visit [isover.co.uk/accreditations](https://isover.co.uk/accreditations)).



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Published date: 03 December 2024

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 [isover.co.uk](http://isover.co.uk)

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