

Product Data Sheet

Application: HVAC

ISOVER CLIMCOVER SLAB ALU2



HVAC - Thermal Insulation for 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 and dissipates it within its thickness, helping to improve the acoustic comfort of those living or working within the building.



Sustainability

Manufactured from up to 82% recycled glass on a plant that uses 100% renewable electricity. For further details, see the Environmental section below or visit isover.co.uk/CSR.



Easy to 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
- Safe Use Instruction Sheet - available at isover.co.uk/healthandsafety

Product Specification

| Product code | Thickness (mm) | Length (mm) | Width (mm) | Slabs per pack | Pack area (m ²) | Packs per pallet | Pallet area (m ²) |
|--------------|----------------|-------------|------------|----------------|-----------------------------|------------------|-------------------------------|
| 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. | Certification | UKCA Marked to EN 14303. CE marked to EN 14303. Designation code: MW-EN 14303-T3. |
| 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. | Quality | All Isover products are manufactured under Quality Management Standard – ISO 9001. Please visit isover.co.uk/accreditations for further details. |
| Environmental | All Isover products are manufactured under Environmental Management System – ISO 14001. BES 6001 Rating “Good” - The Framework Standard for Responsible Sourcing. Please visit 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 . Achieves a Eurofins Gold product status for indoor air quality (certificate available at 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). |
| Recycled Content | Manufactured from up to 82% recycled glass. | | |



Isover

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Published date: 02 Aug 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

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