

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 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 INSULATION

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



RENEWABLE ELECTRICITY

All electric equipment in the plant powered by 100% renewable electricity.



A2 FIRE CLASSIFICATION

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



CONTAINS RECYCLED GLASS

Isover Climcover Slab Alu2 contains recycled glass. A combination of 52% externally sourced recycled glass and 30% internally sourced glass cullet



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 isover.co.uk for all current documentation relating to this product.

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

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.

Indoor Air Quality

Achieves a Eurofins Gold product status for indoor air quality.

Certification

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

Handling, Storage, Health and Safety

Information regarding storage, installation and handling of Isover products and health and safety information can be found at isover.co.uk/suis.

Quality

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

EUCEB

EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008.



Isover

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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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