



CLIMCOVER SLAB ALU2



HVAC - Thermal insulation for metal ductwork

Ideal for thermal and acoustic insulation of rectangular metal ducts at all levels inside a building, Climecover Slab Alu2 offers an improved thermal performance compared to heavier stone wool products.

The robust, rigid glass mineral wool slabs provide consistent density and a uniform shape making them easy to handle, cut and fit; whilst reducing installation time and costs. The range features an aluminium foil facing which provides an inherent vapour barrier. It is suitable for use with an appropriate cladding.

Features and Benefits

Thermal performance

Climcover Slab Alu2 helps to meet thermal building regulations and offers significant energy savings by protecting the installation from external thermal variation.

Recycled glass

Manufactured from up to 80% recycled glass.

Fire Classification

Climcover Slab Alu2 has a Euroclass A2 reaction to fire classification (according to EN 13501-1).

Ease of install

Climcover Slab Alu2 is lightweight and offers a combination of flexibility and mechanical strength, allowing fast and efficient cutting and fitting.

Product Specification

| Product code | Thickness (mm) | Width (mm) | Length (mm) | Slabs per pack | m ² per pack | Packs per pallet | m ² per pallet |
|--------------|----------------|------------|-------------|----------------|-------------------------|------------------|---------------------------|
| 5200625475 | 40 | 600 | 1200 | 12 | 8.64 | 16 | 138.24 |
| 5200625477 | 50 | 600 | 1200 | 10 | 7.2 | 16 | 115.2 |

Thermal Conductivity

| Mean temp °C | 10 | 40 | 50 | 100 | 120 |
|--------------------------------------|-------|-------|-------|-------|-------|
| Declared thermal conductivity (W/mK) | 0.032 | 0.036 | 0.038 | 0.045 | 0.049 |



CHARACTERISTICS

| Characteristic | Description |
|---|--|
| Fire performance | <ul style="list-style-type: none"> • Euroclass A2-s1, d0 fire rating when classified with EN 13501-1. • Class 0 compliance as defined in Building Regulations. • Compliant with London Underground fire safety performance requirements. |
| Service temperature | Suitable 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 department. When using the product below ambient conditions, take extra care to ensure that a 100% vapour barrier is maintained |
| Environmental standards | Manufactured under Environmental Management System - ISO 14001. |
| Quality standards | Manufactured under Quality Management System - ISO 9001. |
| Building standards | Helps to meet thermal building regulations. Compliance with the following: England, Wales and Scotland BS 5422: 2009 or TIMSA Guidance for Achieving Compliance with Part L of the Building Regulations. For Scotland, also refer to Technical Handbooks; Domestic Handbook 2010 and Non-Domestic Handbook 2010 Sections 6 - Energy. |
| BREEAM | Climcover Slab Alu2 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 48 kg/m ³ ' ref 815320004 which achieves a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail, Education. NB: The densities stated above are part of generic BRE classifications and do not reflect the exact specification of the products. |
| ODP/GWP | Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential). |
| Recycled content/ sustainability | Climcover Slab Alu2 is manufactured from up to 80% recycled glass. |
| Handling and storage | Isover products are supplied fully palletised, offering the following benefits: Weatherproof packaging for outside storage. Reduced haulage costs. Less handling therefore less damage. Reduced storage space. |
| Certification | CE Marked according to EN 14303. |
| External applications | Climcover Slab Alu2 is suitable for external applications when used with an appropriate weatherproof jacketing system. |

Customer Service - Order Placement and Enquiries

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