



ISOVER CLIMCOVER SLAB ALU2

Isover CLIMCOVER Slab Alu2 is a 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 aluminum foil facing providing an inherent vapour barrier.

Where to use



Contributes to the above system performances as set out below.



Features and Benefits*

- ✓ **Thermal:** Contributes to energy performance to control temperatures and reduce heat loss or gain within ductwork.
- ✓ **Acoustic:** 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.
- ✓ **Fire:** A2 Reaction to Fire classification in accordance with EN 13501-1.
- ✓ **Easy to Install:** Lightweight and offers a combination of flexibility and mechanical strength. The uniform shape and consistent thickness of the slabs make them easy to handle and install.
- ✓ **Environmental Credentials:** Manufactured from up to 82% recycled glass on a plant that uses 100% renewable electricity. Mineral wool has been shown to have a low Carbon footprint relative to thermal performance.

Product Specification

Product Code	Thickness (mm)	Width (mm)	Length (mm)	Slabs Per Pack	Pack Area (m ²)	Pack Per Pallet	Pallet Area (m ²)
5200625471	40	600	1200	12	8.64	16	138.24
5200625473	50	600	1200	10	7.2	16	115.2

Thermal Conductivity

Mean Temperature °C	10	40	50	100	120
Declared thermal conductivity (W/mK)	0.032	0.037	0.039	0.049	0.054

* When installed in accordance with our recommendations.

Standards and Certification

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	Quality Management Standard EN ISO 9001: 2015 for manufacturing.
CE	Manufactured in accordance with the CE marking requirements under the Construction Products Regulation.
Product Standards	Manufactured in accordance with product standard: EN 14303:2009 + A1:2013.
Environment	ISO 14001:2015 (Environmental Management System) accredited manufacturing facility. This accreditation ensures that all products are manufactured to the stringent standards set out by this management system.
Repair	Typically glass mineral wool will not require repair, though agitation of the material will assist recovery from local compression, alternatively, material may be easily replaced or topped up locally as required.
Reusability	Glass mineral wool insulation may be reused in suitable applications where respected in its use and preparation for reuse.
Recyclability	Glass wool insulation is circular due to its mineral composition, low wastage from installation, long life of the product and potential for reuse, glass wool is also recyclable with facilities available in Europe.
Data Digitisation	We have a BIM library for Isover products. System level information also available. Contact our Isover Technical Team for more information.
Handling, Storage, Health and Safety	Isover products are supplied fully palletised, offering ease of transport compared to unpalletised products. Information regarding storage and handling of Isover products and health & safety information can be found at www.isover.ie

Safety Data Sheet

A Safety Data Sheet (SDS) for this product is available on <https://www.isover.ie/documents/safety-data-sheets/sds-isover-ireland-climcover-slab.pdf>



CONTACT DETAILS FOR FURTHER INFORMATION

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Isover reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation. For a comprehensive and up to date library of information, visit isover.ie