



# Isover CLIMCOVER Roll Alu2

HVAC - Thermal insulation for metal ductwork

Providing efficient and economic thermal insulation for all shapes of metal ductwork, Isover CLIMCOVER Roll Alu2 offers up to 7% thermal savings compared to traditional stone wool solutions.

This strong, flexible and easy to handle glass mineral wool roll is manufactured from up to 86% recycled content and incorporates a factory applied aluminium foil facing providing an inherent vapour barrier. Suitable for use with subsequent covering and suitable for low level installation and outside applications.



## Features and Benefits



### Thermal performance

Isover CLIMCOVER Roll Alu2 range meets all UK thermal building regulations, including the latest requirements for Department of Health premises. It also offers significant energy savings.



### Protected planet

Manufactured from up to 86% recycled post-consumer glass that would otherwise go to landfill.



### Non-combustible

Isover CLIMCOVER Roll Alu2 has an A2 Euroclass fire rating and achieves the criteria for smoke generation and toxicity as given in the IMO Resolution MSC 61 (67) and is also compliant with London Underground fire safety performance requirements

## Product Specification

Product Code	Thickness (mm)	Width (mm)	Length (mm)	Pack area (m <sup>2</sup> )	Packs per pallet	Pallet area (m <sup>2</sup> )
5200625465	25	1200	18000	21.6	18	176.04
5200625467	40	1200	12000	14.4	18	129.60
5200625469	50	1200	9000	10.8	18	103.68

## Thermal Conductivity

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

Characteristic	Description
Fire performance	<ul style="list-style-type: none"> <li>• Euroclass A2 fire rating when classified with BS EN 13501-1.</li> <li>• Class O compliance. The factory applied aluminium foil facing meets the highest standards required by BS476: Part 6 'fire propagation' and BS476:Part 7 'Surface spread of flame'.</li> <li>• Compliant with London Underground (LU) Standard 1-085.</li> </ul>
Service temperature	Suitable for continuous service temperatures up to 150°C. The temperature on the aluminium facing should not exceed 80°C. For use at temperatures over 150°C: please contact our technical department. The products can also be used in below ambient conditions, provided that a 100% vapour barrier is maintained. They are dimensionally stable over this temperature range.
Chemical resistance	Will not accelerate corrosion with all copper, steel and aluminium plant and equipment.
Smoke & Toxicity	Achieves the criteria for smoke generation and toxicity given in IMO Resolution MSC 61 (67). (Smoke and Toxicity Test to Part 2, Annex 1 and 2 of the Fire Test Procedures Code) Toxicity- Meets Def Stan 713 for military vessels.
Environmental standards	All Isover products are manufactured under Environmental Management System - ISO 14001:2004.
Quality standards	All Isover products are manufactured under Quality Management System - ISO 9001:2008.
Building standards	Meets all UK thermal building regulations and offers energy savings. Compliance with the following: <b>England, Wales and Scotland</b> BS5422: 2009 or TIMSA Guidance for Achieving Compliance with Part L of the Building Regulations. Scotland, also refer to Technical Handbooks; Domestic Handbook 2010 and Non-Domestic Handbook 2010 Sections 6 - Energy. NHS Model Engineering Specification - Thermal Insulation. All Isover insulation for HVAC services meet or exceed the latest requirements for Department of Health premises.
BREEAM	Up to two credits are available in Mat 04 - Insulation within the BREEAM document for: Embodied Energy and Responsible Sourcing. CLIMCOVER Roll Alu2 corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 32 kg/m <sup>3</sup> ' ref 815320003 which achieves a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail, Education.
ODP/GWP	Zero ODP (Ozone Depletion Potential), GWP < 5 (Global Warming Potential).
Recycled content/ sustainability	Isover CLIMCOVER Roll Alu2 is manufactured from up to 86% recycled glass that would otherwise go to landfill. This makes Isover one of the most environmentally sustainable insulation products on the market today.
Handling & 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. Packs remain clean and in good condition. Faster loading, unloading and counting.
Certification	MED Certified. CE Marked: Certificate Number 1121-CPR-BA0158 to EN14303:2013+A1:2013
External applications	Isover products are suitable for external applications when used with an appropriate weatherproof jacketing system.

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

**Technical Insulation - Technical Enquiries:**

Tel: 0115 945 1143

Email: [techinsulation@saint-gobain.com](mailto:techinsulation@saint-gobain.com)

Publish date: April 2016

Isover Document Reference: I-CLIMC-ALU2-DS-1601

**Saint-Gobain Isover**

White House Industrial Estate

Runcom

Cheshire

WA7 3DP

Tel: +44 (0) 1928 704 100

Email: [isover@saint-gobain.com](mailto:isover@saint-gobain.com)

Saint-Gobain Isover reserve the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Saint-Gobain Isover will endeavor to ensure publications are up to date, it is the users responsibility to check with us that it is correct prior to use.