



Isover CLIMCOVER Roll Alu2 Strong

HVAC - Thermal insulation for metal ductwork

Offering increased compression resistance and superior parting strength, this thermal is ideal for use when external protective coatings for ductwork are required.

Isover CLIMCOVER Roll Alu2 Strong will offer a consistent thickness along the length of the ductwork allowing a professional finish when using subsequent weatherproof claddings.



Features and Benefits



Thermal performance

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



Protected planet

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



Non-combustible

Isover CLIMCOVER Slab Alu2 Strong has an A2 Euroclass fire rating and is compliant with London Underground fire safety performance requirements.

Product Specification

Product	Product Code	Thickness (mm)	Width (mm)	Length (mm)	Pallet area (m ²)	Pack area (m ²)	Units per pallet
CLIMCOVER Roll Alu2	5200625553	25	1200	15000	324	18	18
CLIMCOVER Roll Alu2	5200625555	40	1200	9500	205.2	11.4	18
CLIMCOVER Roll Alu2	5200625557	50	1200	7500	162	9	18

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

Characteristic	Description
Fire performance	<ul style="list-style-type: none"> • Euroclass A2 fire rating when classified with BS EN 13501-1. • 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'. The foil facing is therefore rated Class O. • Is compliant with LU fire safety performance requirements. London Underground (LU) Standard 1-085.
Service temperature	<p>Suitable for continuous service temperatures up to 150°C. The temperature on the aluminium facing should not exceed 80°C. Please consult Isover to discuss specific applications.</p> <p>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.</p>
Chemical resistance	Will not accelerate corrosion with all copper, steel and aluminium plant and equipment.
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	<p>Meets all UK thermal building regulations and offers energy savings. Compliance with the following:</p> <p>England, Wales and Scotland 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.</p> <p>NHS Model Engineering Specification - Thermal Insulation. All Isover insulation for HVAC services meet or exceed the latest requirements for Department of Health premises.</p>
BREEAM	<p>Up to two credits are available in Mat 04 - Insulation within the BREEAM document for: Embodied Energy & Responsible Sourcing.</p> <p>CLIMCOVER Roll Alu2 Strong corresponds to the BRE Global Green Guide online generic specification 'Glass wool insulation - density 32 kg/m³' ref 815320003 which achieves a summary rating of A+ within Domestic, Health, Industrial, Commercial, Retail, Education.</p>
ODP/GWP	Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential)
Recycled content/ sustainability	Isover CLIMCOVER Roll Alu2 Strong 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	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

Technical Insulation - Technical Enquiries:

Tel: 0115 945 1143

Email: techinsulation@saint-gobain.com

Publish date: April 2016 **Modification May 18**

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

Saint-Gobain Isover
 White House Industrial Estate
 Runcorn
 Cheshire
 WA7 3DP

Tel: +44 (0) 1928 704 100

Email: 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.