



ISOVER CLIMCOVER ROLL ALU2 STRONG



HVAC - Thermal insulation for metal ductwork


Offering increased compression resistance and superior parting strength, this thermally efficient insulation solution will help deliver energy savings and 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

Thermal performance
 The Isover Climcover Roll Alu2 Strong range meets all UK thermal building regulations, including the latest requirements for Department of Health premises.

Recycled glass

Recycled glass
 Manufactured from up to 80% recycled glass.

Non-combustible

Non-combustible
 Isover Climcover Roll Alu2 Strong has an A2 Euroclass fire rating and is compliant with London Underground fire safety performance requirements.

Easy to install

Ease of install
 Isover Climcover Roll Alu2 Strong is lightweight and offer maximum flexibility and compressive strength, allowing fast and efficient cutting and fitting.

Product Specification

Product code	Thickness (mm)	Width (mm)	Length (mm)	Rolls per pallet	m ² per pack	m ² per pallet
5200625553	25	1200	15000	18	18	324
5200625555	40	1200	9500	18	11.4	205.2
5200625557	50	1200	7500	18	9	162

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. The factory applied aluminium foil facing meets the highest standards required by BS 476: Part 6 'Fire propagation' and BS 476: Part 7 'Surface spread of flame'. • Compliant with London Underground (LU) Standard 1-085.
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.
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.
Smoke and 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.
Quality standards	All Isover products are manufactured under Quality Management System - ISO 9001.
Building standards	Meets all UK 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. NHS Model Engineering Specification - Thermal Insulation. All Isover insulation meets or exceeds the latest requirements for Department of Health premises.
BREEAM	Isover Climcover Roll Alu2 Strong 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	Isover Climcover Roll Alu2 Strong is manufactured from 80% recycled glass. This makes it one of the most environmentally sustainable insulation products on the market today.
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: Certificate Number 1121-CPR-BA0158 to EN 14303:2013+A1:2013
External applications	Isover products are suitable for external applications when used with an appropriate weatherproof jacketing system.

Customer Service - Order Placement and Enquiries

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Technical Enquiries - Advice and Support Line

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