



ISOVER CLIMCOVER CR ALU2



HVAC - Thermal insulation for metal ductwork

A flexible glass mineral wool roll, designed to provide thermal and acoustic insulation for ductwork, tanks and large diameter pipes. The increased compression resistance of Isover Climcover CR Alu2 makes it ideal for use at all levels, inside or outside a building with subsequent covering.

Features and Benefits

Thermal
Thermal performance
 Isover Climcover CR Alu2 range meets all UK thermal building regulations, including the latest requirements for Department of Health premises and offers energy savings.

Recycled glass
Recycled glass
 Manufactured from up to 80% recycled glass.

Non-combustible
Non-combustible
 Isover Climcover CR Alu2 has a A2 Euroclass fire rating.

Easy to install
Ease of install
 Isover Climcover CR Alu2 Rolls are 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) | Packs per pallet | m ² per pack | m ² per pallet |
|--------------|----------------|------------|-------------|------------------|-------------------------|---------------------------|
| 5200403264 | 40 | 1200 | 6000 | 18 | 7.20 | 129.60 |
| 5200403265 | 50 | 1200 | 4800 | 18 | 5.76 | 103.68 |
| 5200403266 | 60 | 1200 | 4000 | 18 | 4.80 | 86.40 |
| 5200403267 | 80 | 1200 | 3000 | 18 | 3.60 | 64.80 |
| 5200013587 | 100 | 1200 | 3750 | 12 | 4.50 | 54.00 |

Thermal Conductivity

| Mean temp °C | 10 | 50 | 100 | 200 | 250 |
|--------------------------------------|-------|-------|-------|-------|-------|
| Declared thermal conductivity (W/mK) | 0.035 | 0.041 | 0.050 | 0.073 | 0.087 |



CHARACTERISTICS

| Characteristic | Description |
|--|---|
| Application fields | Thermal Insulation of Building Equipment and Industrial Installations (ThIBEII) where improved thermal insulation and high efficiency are required. |
| Fire classification | Euroclass A2-s1, d0 fire rating when classified with 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'. |
| Maximum service temperature | Suitable for continuous service temperatures up to 250°C. The temperature on the aluminium facing should not exceed 80°C. The products can also be used in below ambient conditions, provided that a 100% vapour barrier is maintained. |
| Chemical resistance | Climcover CR Alu2 will not accelerate corrosion with all copper, steel and aluminium plant and equipment. See Climcover CR Alu2 DoP for specifics. |
| Environmental standards | All Isover products are manufactured under Environmental Management System - ISO 14001. |
| Quality standards | All Isover products are manufactured under Quality Management System - ISO 9001. |
| Thickness class | T4. |
| Water vapour permeability | MU1. |
| Building standards | Meets all UK thermal building regulations. Compliance with the following: England, Wales and Scotland BS5422: 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 CR 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 | Isover Climcover CR Alu2 is manufactured from 80% recycled glass. This makes Isover 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: <ul style="list-style-type: none"> • 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. CE 0615-CPR-95633G Designation code: MW-EN 14303-T4-DS(TH)-ST(+)250-MU1. |
| 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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