



Isover CLIMCOVER CR Alu2 (previously known as Isover Crimp Wrap)

Thermal and acoustic solution for HVAC and Industrial Applications

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 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.



Acoustic performance

Noise break-out levels from services can be significantly reduced with the use of Isover CLIMCOVER CR Alu2 due to the natural sound wave damping effect that glass mineral wool possesses.



Up to 80% Recycled Glass

Manufactured from up to 80% recycled post-consumer glass that would otherwise go to landfill.



Ease of installation

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)	Pack area (m ²)	Packs per pallet	Pallet area (m ²)
5200403264	40	1200	6000	7.20	18	129.60
5200403265	50	1200	4800	5.76	18	103.68
5200403266	60	1200	4000	4.80	18	86.40
5200403267	80	1200	3000	3.60	18	64.80
5200013587	100	1200	3750	4.50	12	54.00

Thermal Conductivity

Mean temp °C	10	50	75	100	200
Declared thermal conductivity (W/mK)	0.035	0.041	0.045	0.050	0.073

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Characteristic	Description
Application fields	Thermal Insulation of Building Equipment and Industrial Installations (ThIBEI) where improved thermal insulation and high efficiency are required.
Fire Classification	Euroclass A2-s1, d0 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'.
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 14001:2004.
Quality standards	All Isover products are manufactured under Quality Management System – ISO 9001:2008.
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/m³' ref 815320004 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 CR Alu2 is manufactured from up to 80% 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. 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.

www.isover.co.uk

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Publish date: July 2014

Isover Document Reference: I-HVAC-CR-PDS-1402

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