



CLIMPIPE SECTION ALU2



HVAC - thermal insulation for pipework

Designed to provide thermal and acoustic insulation of pipework, Climpipe Sections are strong, lightweight pre-formed 'snap on' sections with a reinforced aluminium foil facing and a self-adhesive overlap to help ensure a strong vapour barrier. Manufactured in 1.2m lengths, these sections offer the opportunity for fewer joints than traditional 1m products, helping to reduce thermal bridging.

Features and Benefits

Thermal

Thermal performance

The foil faced Climpipe Sections help to meet thermal building regulations and offer energy savings. The consistent density and concentric positioning of the bore of Isover sections provide consistent thermal performance along the length of the pipe.

Euroclass A2 fire rating

Fire Classification

Climpipe sections have a Euroclass A2 reaction to fire classification (according to EN 13501-1).

Acoustic

Acoustic performance

Due to the natural sound wave damping effect that glass mineral wool possesses, noise levels from waste water pipes services can be greatly reduced with Climpipe Sections.

Recycled glass

Recycled glass

Manufactured from up to 80% recycled glass.

Product Specification

Nominal Insulation Thickness (mm)	Inner diameter (mm)																		
	15	22	28	35	42	48	54	60	70	76	83	89	108	114	140	168	219	273	
20	✓	✓	✓	✓	✓	✓	✓	✓											
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	✓	✓	✓	✓	✓	✓		✓		✓		✓		✓	✓	✓	✓	✓	✓
60								✓		✓		✓		✓		✓	✓	✓	✓

Thermal Conductivity

Mean temp °C	10	50	100	200	300	400	500
Declared thermal conductivity (W/mK)	0.033	0.036	0.043	0.063	0.091	0.129	0.177



CHARACTERISTICS

Characteristic	Description
Fire performance	<ul style="list-style-type: none"> • Euroclass A2L - s1, d0 fire rating when classified with EN 13501-1 • Class O compliance as defined in Building Regulations. • Compliant with London Underground fire safety performance requirements.
Service temperature	Suitable for continuous service temperatures from 5°C to 500°C. The temperature on the aluminium facing should not exceed 80°C. When using the product below ambient conditions, care must be taken to ensure a 100% vapour barrier is maintained.
Corrosiveness	Fulfils the demands in ASTM C795-08 (Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel) section 13.
Environmental standards	Manufactured under Environmental Management System - ISO 14001.
Quality standards	Manufactured under Quality Management System - ISO 9001.
Building standards	Helps to meet thermal building regulations. 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.
ODP/GWP	Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential).
Recycled content/ sustainability	Climpipe Section Alu2 is manufactured from up to 80% recycled glass.
Handling and storage	Isover products are supplied fully palletized. The pipe sections are boxed in cardboard cartons and should be stored in a dry environment.
Certification	CE Marked according to EN 14303.
External applications	Climpipe Section Alu2 is suitable for external applications when used with an appropriate weatherproof jacketing system.

Customer Service - Order Placement and Enquiries

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