



# 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, the glass mineral wool pipe 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 Section Alu 2 has a Euroclass A2 Reaction to Fire classification, according to BS 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 reduced with CLIMPIPE Sections.

**Recycled glass**

**Recycled glass**

Manufactured from up to 70% 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/m.K)	0.033	0.036	0.043	0.062	0.092	0.130	0.179



# CHARACTERISTICS

Characteristic	Description
<b>Fire</b>	Euroclass A2L-s1, d0 Reaction to Fire classification, according to BS EN 13501-1.
<b>Service temperature</b>	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 for the insulation of pipework with a surface temperature below dew point, care must be taken to ensure a 100% vapour barrier is maintained.
<b>Corrosiveness</b>	Fulfils the demands in ASTM C795-08 (Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel) section 13.
<b>Environmental</b>	Manufactured under Environmental Management System - ISO 14001. Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential).
<b>Quality</b>	Manufactured under Quality Management System - ISO 9001.
<b>Building regulations</b>	Helps to meet thermal building regulations. <b>England, Wales and Scotland</b> 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.
<b>Recycled content</b>	CLIMPIPE Section Alu2 is manufactured from up to 70% recycled glass.
<b>Handling and storage</b>	Information regarding storage, installation and handling of ISOVER products, or health & safety information, can be found here.
<b>Health and safety</b>	
<b>Certification</b>	CE Marked (0402-CPR-SC0480-10) according to BS EN 14303.
<b>External applications</b>	CLIMPIPE Section Alu2 is suitable for external applications when used with an appropriate weatherproof jacketing system.

## Customer Service - Order Placement and Enquiries

**Tel:** 01473 820820

**Email:** iukcustomerservice@saint-gobain.com

## ISOVER Address:

Whitehouse Industrial Estate,  
Runcorn, Cheshire, WA7 3DP

## Technical Support Centre

**Tel:** 01473 820850

**Email:** technicalsupport@saint-gobain.com

**Insulation-UK.com**