



CLIMCOVER Roll Alu3

Exterior Insulation for Metal Ducts

Mat of ISOVER glass wool with one side covered with kraft paper and glass mesh reinforced aluminium foil, which gives support and acts as a vapour barrier.

Because of its optimal thermal properties, **CLIMCOVER Roll Alu3** is a suitable exterior insulation solution for:

- Networks of metal air-distribution ducts, both for square-section and circular ducts, in thermal installations within air-conditioning systems in buildings.
- Thermal insulation of vessels.
- Acoustic insulation of downpipes.

Technical Properties

Symbol	Parameter	Icon	Units	Value	Standard
λ_D	Thermal conductivity declared as a function of temperature		W/m·K (°C)	0,035 (10)	EN 12667 EN 12939
				0,036 (20)	
				0,040 (40)	
				0,044 (60)	
—	Reaction to fire		Euroclass	B-s1, d0	EN 13501-1 EN 15715
MU	Mineral wool: water-vapour diffusion resistance, μ		—	1	EN 12086
Z	Facing: water-vapour diffusion resistance		$m^2 \cdot h \cdot Pa / mg$	130	EN 12086
MV	The vapour diffusion-equivalent air layer thickness, S_d		m	100	EN 12086

Thickness d, (mm)	Designation code	Complies with RITE
EN 823	EN 14303	
30	MW-EN 14303-T2-MV1	In building interiors
45		In building interiors and exteriors

Presentation



Thickness d (mm)	Length l (m)	Width b (m)	m ² /package	m ² /pallet	m ² /truck load
30	16,20	1,20	19,44	388,80	6.998
45	11,50	1,20	13,20	264,00	4.752

Advantages

- **CLIMCOVER Roll Alu3** incorporates a 5 cm flap to create an optimum joint-seal between insulation sections.
- Thanks to its glass mesh covering, it is not necessary to install additional metal mesh.
- ISOVER glass wool mats are easy to cut. Quick and easy to install because ISOVER glass wools are light and flexible.
- Prevents condensation in metal ducts.
- It functions with circulating air temperatures up to 120°C.
- Inert material, inhospitable for micro-organisms.
- Sustainable product with a composition of more than 50% recycled material. 100% recyclable material.



Certification



Installation Guide

Consult the general installation recommendations for rectangular and circular ducts.

Additional information available at: www.isover.es

