



# CLIMCOVER Lamella Mat - Marine



## Aluminium faced glass wool lamella mat for thermal insulation of metal ducts and HVAC equipment

ISOVER CLIMCOVER Lamella Mat provides thermal and acoustic insulation for circular metal ductwork, tanks and large diameter pipes. The high mechanical resistance of CLIMCOVER Lamella Mat makes it ideal for use at all levels, inside or outside a building (with appropriate covering).

The lamella mat is faced on one side with a reinforced pure aluminium foil that acts as vapour barrier. The reinforcement mesh increases the resistance to tearing and punching of the aluminium. Mat is resistant to mechanical load but still flexible and can be easily bent over different shapes and parts of HVAC systems. The facing can be used as shiplap that permits the easy assembly and connexion between wrap insulation pieces. The roll is easy to cut with standard tools i.e. knife. CLIMCOVER Lamella Mats are manufactured from inorganic chemically biosoluble materials and do not include anything that would have effect on corrosion and shall not facilitate microbial growth.



### MECHANICAL RESISTANCE

Improved mechanical strength to improve the aesthetics and carry the weight of the cladding



### THERMAL INSULATION

Avoid heat losses and prevent condensation



### LIGHTWEIGHT

Lightweight rolls are easy to work with in all conditions



### FAST INSTALLATION

The highly flexible product is easy to bend over different shapes and parts, and easy to cut with standard tools

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal Conductivity	T	[°C]	10	50	100	200	250	EN 12667
	λ	[W/(m·K)]	0.038	0.045	0.060	0.102	0.130	
Maximum service temperature	-	[°C]	<250°C (for the facing 80°C)					EN 14303

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Fire behaviour			Non combustible, Euroclass A2-s1, d0	
Water behaviour	-	-	≥ 100	-
Application field	-	-	ISOVER CLIMCOVER Lamella Mat provides mechanically strong thermal insulation for HVAC duct systems and equipment. Alufacing provides efficient watervapour barrier when intact and seems carefully taped.	EN 14303
CE marking	-	-	MW-EN14303-T3-ST 250-WS1-MV2	EN 14303
Environmental sustainability	-	-	ISOVER CLIMCOVER Lamella Mat is manufactured from up to 86% recycled glass that would otherwise go to landfill. This makes ISOVER one of the most environmentally sustainable insulation products on the market today.	-
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001	EN ISO 9001 EN ISO 14001
Delivery form	-	-	Standard dimensions (check product details and availability from your local ISOVER supplier)	-
Type approval certificates	-	-	EC-Type Examination MED-B (Non Combustibility): SEE0736P0000680 exp. 05/06/2029 QAS MED-D Certificate: SEE0736Q0000108 exp. 19/05/2027	-



## [www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

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