

# Ventilam Alu

Mineral glass wool mat one-sidedly covered with reinforced aluminium foil, with lamellar (perpendicular to the foil surface) fibre pattern.



## CLASSIFICATION

Standard: PN-EN 14303+A1:2013-07E  
(IDT. EN 14303:2009+A1:2013)

Product code for thickness:  
20-49 mm: MW-EN14303-T5-ST(+)-250-AW0,5  
50-79 mm: MW-EN14303-T5-ST(+)-250-AW0,8  
80-100mm: MW-EN14303-T5-ST(+)-250-AW1,0

Hygienic certification of the National Institute of Hygiene: HK/B/1609/01/2010  
Declaration of usage properties: [www.isover.pl/DoP](http://www.isover.pl/DoP)

## TECHNICAL PARAMETERS

Parameter	Unit	Value	Standard	
Maximum temperature of application	°C	250	Producer's recommendations	
Declared thermal conductivity index	10°C	W/mK	0,038	EN ISO 13787
	40°C	W/mK	0,043	EN ISO 13787
	100°C	W/mK	0,058	EN ISO 13787
	150°C	W/mK	0,076	EN ISO 13787
	200°C	W/mK	0,081	EN ISO 13787
250°C	W/mK	0,109	EN ISO 13787	
Reaction to fire class	-	A2-s1,d0	EN 13501-1	
Declared sound absorption coefficient $\alpha_w$				
- For the product thickness: 20-49mm	-	0,5	EN ISO 354	
- For the product thickness: 50-79mm	-	0,8	EN ISO 354	
- For the product thickness: 80-100 mm	-	1,0	EN ISO 354	
Maximum temperature of application on the foil side	°C	80	-	
Thickness tolerance class	-	T5	EN 823	

## Ventilam Alu (1 MPS – 12 rolls)

Thickness [mm]	Dimensions [mm]	Pack Area (m <sup>2</sup> )	Pallet Area (m <sup>2</sup> )	Height of the product with pallet (mm)	Gross weight of the pallet [kg]
20	12000/1200	14,40	172,80	255	102,00
30	8000/1200	9,60	115,20	255	102,00
40	6000/1200	7,20	86,40	255	102,00
50	5000/1200	6,00	72,00	255	105,50
60	4000/1200	4,80	57,60	255	102,00
80	3000/1200	3,60	43,20	255	102,00
100	2500/1200	3,00	36,00	255	105,50

1. The product is available solely in batch packages. Pallet size: 1400 x1000mm.

As an insulating part of construction, this product meets the expectations of LEED and BREEAM certificates.

## APPLICATION

Ventilam Alu Mat is designated for thermal, acoustic and condensation-control insulation of ventilation ducts (HVAC).

## OTHER APPLICATIONS:

It is also used for thermal and acoustic insulation of ventilation, air-conditioning and heating devices and installations.

## PRODUCT CHARACTERISTICS

Lamellar (perpendicular to the wall surface) fibre arrangement makes the mat more flexible, allowing for its perfect adjustment to the shape of insulated devices, retaining its original stable thickness. Its application guarantees ideal thermal and acoustic insulation with good aesthetic properties.

## STORAGE

The products in original packages (complete MPS pallets) may be stored in open storage yards, on a dry and even surface. The pallets must not be stocked as this might lead to the damage of the package and the product. A pallet, once unpacked or damaged, cannot serve as a protection against moisture. After opening (unsealing the package), loose rolls must be stored solely under a roofed surface in the way protecting against moisture.

## PRODUCER:

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