



Ventilam Alu Plus

Self-adhesive mineral wool mat made of glass fibres one-sidedly covered with reinforced aluminium foil.



TECHNICAL PARAMETERS

Parameter	Unit	Value	Standard	
Maximum temperature of application (with regards to glue layer)	[°C]	50	Producer's recommendations	
Assembly temperature	[°C]	from +5 to +35		
Declared thermal conductivity index	10 °C	W/mK	0,038	EN ISO 13787
	40 °C	W/mK	0,041	
	50 °C	W/mK	0,046	
	100 °C	W/mK	0,057	
	150 °C	W/mK	0,068	
Reaction to fire class	-	A2-s1, d0	EN 13501-1	
Declared sound absorption coefficient a_w	thickness 20-40mm	-	0,4	EN ISO 354
	thickness 50mm	-	0,8	EN ISO 354
Thickness tolerance class	-	T5	EN 823	

Ventilam Alu Plus (IMPS – 12 rolls)

Thickness [mm]	Dimensions [mm]	Pack Area [m ²]	Pallet Area [m ²]	Height of the product with pallet [mm]	Gross weight of the pallet [kg]
20	12000/1000	12,00	144,00	2120	112
30	8000/1000	8,00	96,00	2120	112
40	6000/1000	6,00	72,00	2120	112
50	5000/1000	5,00	60,00	2120	116

APPLICATION

Ventilam Alu Plus mat is designated for thermal, acoustic and condensation-control insulation of ventilation ducts (HVAC). 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. With regards to the glue layer covering the product, the maximum application temperature is 50°C.

OTHER APPLICATIONS:

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

PRODUCT CHARACTERISTICS

Ventilam Alu Plus – a self-adhesive mineral wool mat made of glass fibres one-sidedly covered with reinforced aluminium foil with the fibre arrangement perpendicular to the foil surface. The glue layer allows for an easy and fast attachment of the mat to the insulated surfaces and eliminates the necessity of using additional attaching elements (with the exception for the premises with large moisture; the assembly should be made according to the producer's recommendations). The mat is light, resilient and flexible – it does not crumble when cut or assembled.

STORAGE

The products in original packages (complete 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), the product must be stored solely under a roofed surface in the way protecting against moisture.