

r. **Flow[®] AG**
Self-adhesive lamella mat made
of mineral wool



Energy to live



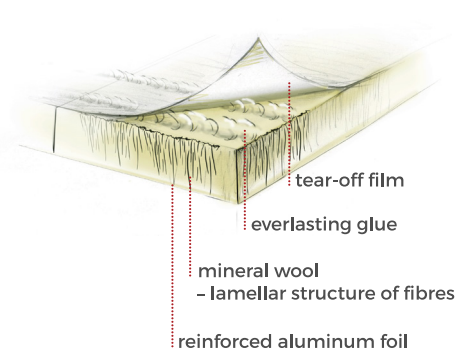
ROHHE[®]

Product

r.**Flow**[®]AG

is a self-adhesive mineral wool lamella mat covered with reinforced aluminium foil. The mineral wool used has fibres perpendicular to the insulated surface (lamellar structure). r.Flow[®]AG has a layer of everlasting glue applied on mineral wool and secured by foil. The glue used ensures firm and durable adhesion to the insulated components.

Product structure

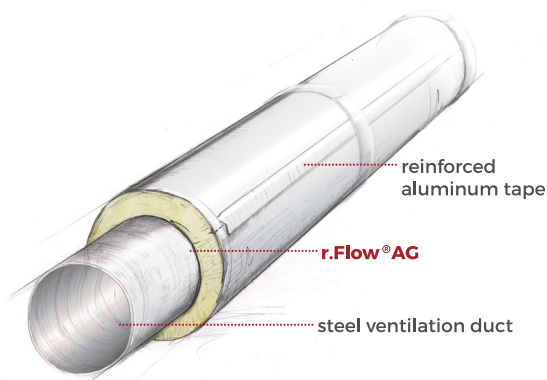


Application

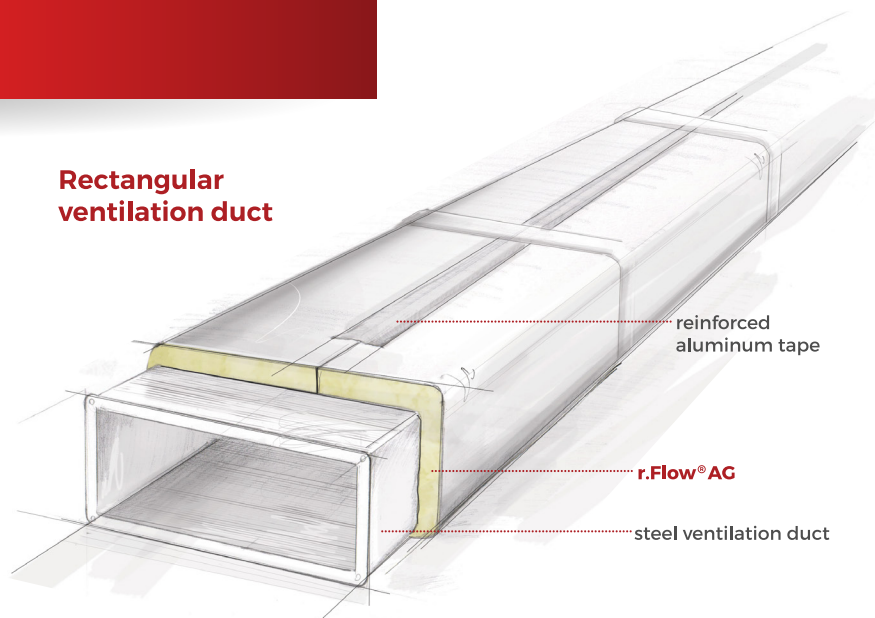
r.**Flow**[®]AG

is designed for thermal, anti-condensation and acoustic insulation of ventilation and air conditioning ducts. This product is also suitable for the insulation of low-temperature heating systems. Thanks to the additional adhesive layer, no additional fasteners are required for the proper installation of the r.Flow[®]AG mat.

Circular ventilation duct



Rectangular ventilation duct

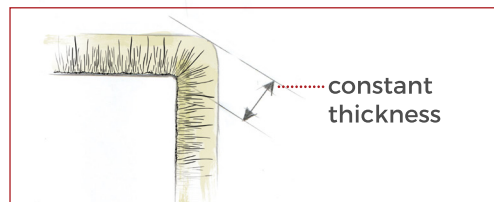


Advantages of the lamellar fibre system

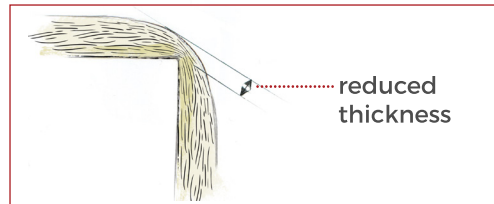
r.**Flow**[®]AG

has a lamellar system of mineral wool fibres thanks to which the thickness of insulation remains constant all over the surface. This is especially important in corners and bends of insulated elements. Thanks to its construction, r.**Flow**[®]AG is resistant to squeezing, thus maintaining excellent flexibility and consistency.

Lamella mat - perpendicular arrangement of fibres



Traditional mat - parallel arrangement of fibres



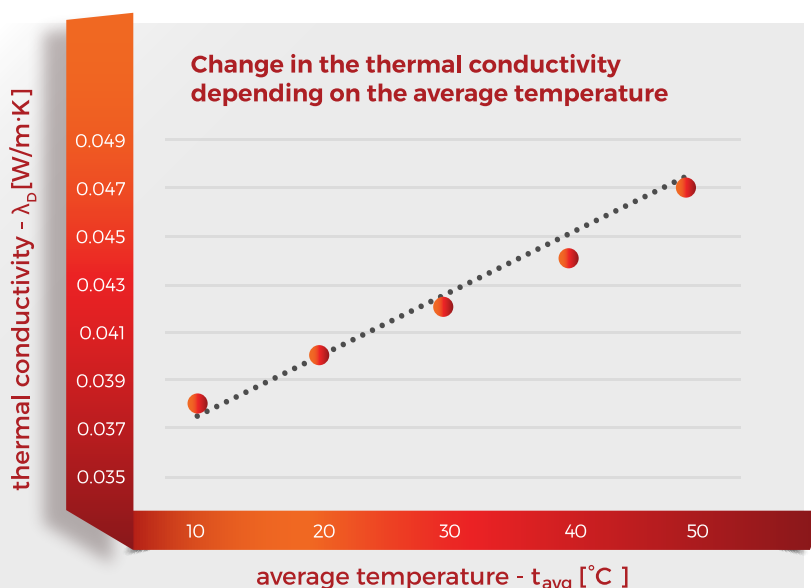
Technical details

PARAMETER	VALUE	UNIT	SYMBOL	STANDARD
declared thermal conductivity (temp. 10°C)	0,038	W/m·K	λ_D	EN 12667
reaction to fire	incombustible	class	A2-s1, d0	EN 13501-1
maximum service temperature	50	°C	ST(+50)	EN 14706
short-term water absorption	≤ 1	kg/m ²	WS1	EN 1609
thickness tolerance	-3 / +5	mm	T4	EN 823
water vapor diffusion resistance (lining)	$S_D \geq 200$	m	MV2	EN 12086
Product CE code	MW - EN 14303 - T4 - ST(+50) - WS1			
Product Standard	PN-EN 14303:2009+A1:2013			
Environmental Product Declaration	01-12/2024			
Product Documents	www.rohhe.com/documents			



Values of declared thermal conductivity (λ_D) at selected average temperatures

temperature [°C]	10	20	30	40	50
λ_D [W/m·K]	0,038	0,040	0,042	0,044	0,047



Packing method

Twenty-five **r.Flow®AG** rolls are arranged on a wooden pallet (2.4 x 1.0 m) in three layers. Two bottom layers consist of 20 rolls arranged vertically. Five rolls are at the top of the pallet. It is secured from top to bottom with a heavy-duty LDPE hood and additionally wrapped in stretch foil. Such a packaging method effectively protects the product from damage during transportation and storage operations. It also enables safe storage outdoors in all weather conditions.

January 2025



r.Flow®AG as the form of uncompressed rolled mat. Every roll is packed in a leak-proof LDPE bag. The bag is sealed, which guarantees full protection against moisture. In order to facilitate the transport of individual packages, the bags are equipped with handles located along the entire height of the bag.



Dimensions and quantities

THICKNESS	LENGTH	WIDTH	QUANTITY IN A ROLL	QUANTITY ON A PALLET
mm	mm	mm	m ²	m ²
20	12 000	1 000	12	300
25	10 000	1 000	10	250
30	8 000	1 000	8	200
40	6 000	1 000	6	150
50	5 000	1 000	5	125
60	4 000	1 000	4	100
80	3 000	1 000	3	75
100	2 500	1 000	2,5	62,5

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