

# Lamella mat KLIMAROCK

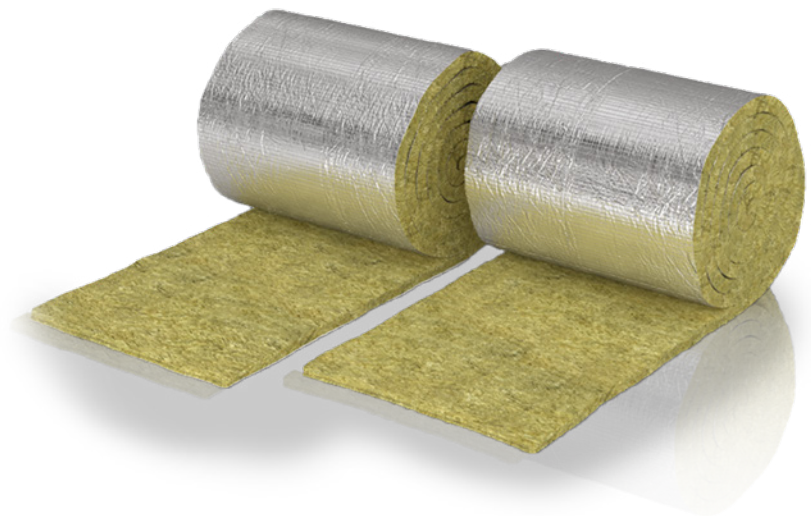
## Mineral fibre product

### Description

Mat made of rock wool with one-sided lattice-reinforced aluminium lamination. The lamella mat has a heat-insulating and sound-absorbing effect, is highly flexible and at the same time pressure-resistant.

### Areas of Application

- For the sheathing of non-combustible pipes as sectional or protective insulation in pipe seals and mixed penetration seals in walls and floors.
- Application for the production of fire protection joints.



### Delivery and Packaging

Lamella mat KLIMAROCK	
Packaging	Roll
Length	6100 mm
Width	500 mm
Height	30 mm
m <sup>2</sup> per unit	3.05 m <sup>2</sup>
Item number	
	01187100

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## Technical Data

Reaction to fire	A2 non-combustible in acc. with DIN 13501-1						
Melting point	> 1000 °C						
Smouldering behaviour	No tendency to smoulder continuously.						
Upper application temperature	Rock wool side up to 250 °C Aluminium side up to 80 °C						
Thermal conductivity [ W/(m·K) ]	10 °C	50 °C	100 °C	150 °C	200 °C	250 °C	
	0.038	0.047	0.060	0.075	0.093	0.114	
Water vapour diffusion equivalent air layer thickness [Sd]	> 200 m						
AS quality	Application in combination with austenitic steels.						
Silicone content	Free of paint-wetting impairment substances						
Hydrophobing	Water absorption ≤ 1 kg/m <sup>2</sup>						
Storage	Store in a dry place						
Safety information	Please observe the safety data sheet.						

## Applications

### Penetration seal

	Certification	System name	Fire resistance class
CE	ETA-16/0132	Novasit BM	EI 120 in acc. with EN 13501-2
	ETA-14/0418	Flammotect single-layer	EI 90 in acc. with EN 13501-2
		Flammotect double-layer	EI 120 in acc. with EN 13501-2
	ETA-19/0228	Flammotect OSI	
DIN	ETA-19/0228	Flammoplast double layer	fire-resistant (90 min.)
	Z-19.53-2482	Novasit COMBI 90	
	Z-19.53-2329	Flammotect COMBI 90 Flammotect COMBI 90 V	
	Z-19.53-2400	Universalschott COMBI 90	
	Z-19.15-1806	Universal-ONE	

### Joints

	Certification	System name	Fire resistance class
CE	ETA-18/0237	Joint sealing FLAMMOTECT-A	EI 120 in acc. with EN 13501-2

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