



TECHNIKA

Mineral wool HVAC Lamella Mat AluCoat

LAM



Description

The Lamella Mat AluCoat used in the HVAC system is non-combustible rock wool for thermal and condensation insulation of ventilation ducts and equipment. It has a reinforced aluminium foil outer cover. Rock wool products are resistant to high temperatures. The binder used in wool products starts to evaporate at about 200 °C. The thermal insulation properties remain unchanged, but the compressive strength is reduced. And just after reaching 1000 °C, rock wool products begin to soften. The flammability properties of rock wool do not change over time. The classification of products according to Euro classes is related to the amount of organic matter which cannot increase over time. The high-temperature performance of mineral wool products remains unchanged at high temperatures.

Maximum operating temperature: 250 °C

Flammability classification: A1, EN 14303: 2009 + A1: 2013 (EN 13501-1),

Thermal conductivity 10 °C, λ_{10} - 0.038 W/mK,

Thermal conductivity 100 °C, λ_{100} - 0.059 W/mK,

Thermal conductivity 200 °C, λ_{200} - 0.091 W/mK,

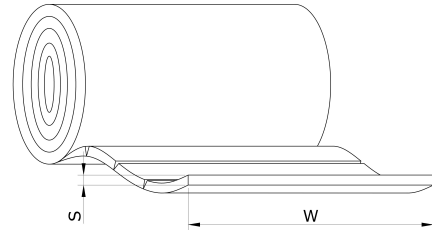
Thermal conductivity 250 °C, λ_{250} - 0.110 W/mK.

Ordering code



Sample: LAM50 – rock wool covered with aluminium foil, thickness 50 mm.

Dimensions



Type	W [mm]	S [mm]	L [mm/roll]	Mass [1 roll, kg]
LAM30	1000	30	8000	9
LAM50	1000	50	5000	9,2