

TECHNICAL DATA SHEET

BIOWOOL BLANKET 1260 MAT

Biowool mats are manufactured from ultra-clean raw materials by means of a new production technology. In addition to improving the thermal properties, important troublesome dust particles have also been eliminated. Biowool mats are made of long fibres, exhibit excellent thermal stability, and retain their initially soft fibre structure up to the maximum temperature of continuous use. The mats are needled on both sides. It features high strength, both before and after heating. Biowool contains no binding agents or wetting agents and does not emit any fumes or odours during the first firing. It is flexible, easy to cut and shape and simple to install.



Classification temperature	°C	1260°C (2300°F)			
		64	96	128	160
Density	kg/m ³	64	96	128	160
Thermal conductivity, ASTM C-201					
at 200 °C	W/m K	0,06	0,05	0,05	0,05
at 400 °C	W/m K	0,11	0,09	0,08	0,08
at 600 °C	W/m K	0,18	0,14	0,12	0,11
at 800 °C	W/m K	0,29	0,21	0,18	0,17
at 1000 °C	W/m K	0,42	0,29	0,25	0,23

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