

ROCKINSUL LRB MATTRESS

1) Material Composition:	Mineral fiber metal-mesh covered blanket is composed of rock fibers processed from the molten state into fibrous form and bonded with an organic binder and secured with metallic supporting facing. Free from asbestos.
2) Density:	70 - 160 kg/m ³
3) Facing:	1. Hexagonal shaped Metal Mesh with GI wire 2. Hexagonal shaped Metal Mesh with SS wire
4) Dimension	
(a) Length:	1.52 m and up to 4.0m
(b) Width:	1.22m
(c) Thickness:	40 mm – 120 mm
5) Thermal Conductivity at 50 °C mean temp. 100 kg/m ³ }	0.037 W/m.K
6) Service Temperature:	up to 750 °C
6) Maximum Exothermic Temp.:	Less than 50 °C
8) Linear Shrinkage:	Less than 2 %
9) Water Vapor Absorption:	Less than 1 % by volume
10) Surface Burning Characteristics	
(a) Flame Spread Index:	≤ 25
(b) Smoke Developed Index:	≤ 50
11) Combustibility of unfaced slab	Non-Combustible, A1 when tested as per EN 13501
12) Odor Emission:	No detectable odor of objectionable nature was observed
13) Corrosiveness to Steel:	No Corrosion
14) Non fibrous Content:	Less than 25 %
15) Leachable Chloride	<1 ppm as per ASTM C871 & ASTM 692
16) Flexibility:	Flexible
Standard Compliance:	ASTM C 592, IS 8183

All information and data mentioned in this technical data sheet are based on tests performed in the Laboratory. Nothing herein to be construed as a warranty or representation and we recommend, however, all potential users of the product make their own actual tests prior to using it on industrial scale –