

ROCKINSUL RB SLAB

1) Material Composition:	Stone wool board insulation composed of rock fibers processed from the molten state into fibrous form and bonded with binder. Free from asbestos.
2) Density:	40 – 200 kg/m ³
3) Facing:	faced with Aluminium foil facing (FSK)
4) Dimension	
(a) Length:	1.0 m or as per requirement from 0.6m to 1.2m
(b) Width:	0.6m
(c) Thickness:	25mm - 200mm (Tolerances: -3mm; +6mm) depending on density
5) Thermal Conductivity at 25 °C mean temperature :	48kg/m ³ - < 0.036 W/m.K; 64kg/m ³ - <0.035 W/m.K
6) Service temperature:	750 °C (un-faced slab)
7) Compressive Strength:	Ranges from 2.0 to 44 KPA depending upon densities
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) Rigidity:	Soft to Rigid
15) Fungi Resistance:	Do not promote fungi growth
16) Non-fibrous Content:	Less than 25 %
17) Stress Corrosion to Austenitic Stainless Steel:	No Cracking observed; pH7-10, Leachable Chloride <1 ppm

Standard Compliance: **ASTM C 612, 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 –