

ROCKINSUL Acoustic Thermal Insulation Board (ATIB)

- 1) Material Composition: Stone wool ATIB insulation is sandwiched product with Aluminium Foil on top and Black Glass Tissue on bottom.
Free from asbestos.
- 2) Density: 80 – 120 kg/m³
- 3) Facing: Faced with Aluminium foil facing (FSK) on one side & Black Glass Tissue (BGT) or White Glass Tissue on other side.
- 4) Dimension
- (a) Tile Size: 590 mm x 590 mm
 - (b) Total Cover size: 600 mm x 600 mm (Includes 5 mm sealed flange extension on all four sides)
 - (c) Thickness: 20mm - 30mm, Tolerance + /- 3 mm
- 5) Thermal Conductivity at 25 oC mean temperature : } 0.035 W/ MK @ 25 deg mean temp
- 6) Service temperature of unfaced material: 750 oC
- 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
- 14) Rigidity: Rigid
- 15) Fungi Resistance : Do not promote fungi growth
- 16) Non-fibrous Content: Less than 25 %
- 17) NRC value: 0.60

Standard Compliance: ASTM C 612

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, that all potential users of the product make their own actual tests prior to using it on industrial scale