

Technical Data Sheet

ROCKINSUL ACOUSTIC 6

- 1) Material Composition: stone wool rigid board insulation composed of rock fibers processed from the molten state into fibrous form and bonded with binder. **Free from asbestos.**
- 2) Density: 48 – 150 kg/m³
- 3) Facing: Unfaced
- 4) Dimension
- (a) Length: 1.0 m or as per requirement from 0.6m to 1.2m
 - (b) Width: 0.6m
 - (c) Thickness: 40 mm – 120 mm depends upon density
- 5) Service temperature: 750 °C
- 6) Linear Shrinkage: Less than 2 %
- 7) Water vapor absorption: Less than 1 % by volume
- 8) Surface Burning Characteristics
- (a) Flame Spread index: < 25
 - (b) Smoke developed index: < 50
- 9) Combustibility of unfaced slab Non-Combustible; A1 when tested as per EN 13501
- 10) Odor Emission: No detectable odor of objectionable nature was observed
- 11) Corrosiveness to Steel: No Corrosion
- 12) Rigidity: Rigid
- 13) Fungi Resistance: Do not promote fungi growth
- 14) Non-fibrous Content: Less than 25 %
- 15) Stress Corrosion to Austenitic Stainless Steel: No Cracking observed
- 16) Noise Reduction Coefficient: NRC ranges from 0.8 to 1.0

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