

## ROCKINSUL Building Roll

- 1) Material Composition: ROCKINSUL Building Roll insulation composed of rock fibers processed from the molten state into fibrous form and bonded with an binder and Laminated with One side Aluminium Foil .  
**Free from asbestos.**
- 2) Density: 48 – 68 kg/m<sup>3</sup>
- 3) Facing: Faced with Aluminium foil facing (FSK) or ALG
- 4) Dimension
- (a) Length: 6 m or 10 m
  - (b) Width: 1 m with over lap and 1.2m without overlap
  - (c) Thickness: 50mm - 100mm
- 5) Thermal Conductivity at 25 °C mean temperature : } 48kg/m<sup>3</sup> - <0.035 W/m.K; 64kg/m<sup>3</sup> - <0.034 W/m.K
- 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 roll 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) Fungi Resistance: Do not promote fungi growth
- 13) Non fibrous Content: Less than 25 %

**Standard Compliance : ASTM C 553**

*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 –*