

TUFFINSUL SLAB

- | | | |
|-----|---|---|
| 1. | Material Composition: | TUFFINSUL 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/m ³ |
| 3. | Facing: | Unfaced- available with FSK, ALG, Black Glass |
| 4. | Dimension* | |
| | (a) Length: | 1.0 m or as per requirement from 0.6m to 1.2m |
| | (b) Width: | 0.6m |
| | (c) Thickness: | 50 mm – 100 mm |
| 5. | Thermal Conductivity at 25 °C
mean temperature : | } 0.036 w/mK |
| 6. | Linear Shrinkage: | |
| 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. | Rigidity: | Rigid |
| 12. | Fungi Resistance: | Do not promote fungi growth |
| 13. | Stress Corrosion to Austenitic Stainless Steel: | No Cracking observed: pH - 7 to 10 |
| 14. | 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, all potential users of the product make their own actual tests prior to using it on industrial scale –