

## TUFFINSUL Lamella

1. Conformity to Standard:	IS 8183
2. Slab Size * ( <i>Other sizes are available on request</i> )	
a. Length:	1200 mm / width 110 mm
b. Density:	80 – 150 Kg/m <sup>3</sup>
c. Thickness:	25 mm to 110 mm
3. Service Temperature:	750 °C
4. Melting point:	> 1000 °C
5. Filament Structure:	Basaltic Fibers
6. Moisture content:	<0.5% to BS 2972
7. Non-fibrous Content :	Less than 25 %
8. Alkalinity	pH 7.0 to 10.0
9. Compressive strength	
@ 10% deformation #	up to 140 Kpa ( <i>Depending on density</i> )
10. Sulphur content	Max. 0.6%
11. Incombustibility (%mass loss)	Max. 3%
12. Moisture Absorption	Max. 2%
13. Heat resistance /internal self-heating	
at 750 °C for 16 hrs	No deterioration of fiber
14. Fire Resistance	Noncombustible to BS 476: Part 2: 1970 (1984) Class A1 to EN 13501 – 1: 2002

# depends on density

\* other sizes are available on request

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 –