

DGN FASER PRIVATE LIMITED

R.S. No. 565, Surendranagar – Lakhtar Highway, Near Dedadra Patiya, Surendranagar – 363030 (Guj.)

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Accredited with QMS 9001-2015, EMS 14001-2015 & OH & SAS 18001-2015

Technical Data Sheet

1. Product	:	Ceramic Fibre Board, Grade: 1260°C
2. Size	:	1000 mm. X 500 mm. X 50 mm Thickness,
3. Density	:	400 Kg/m ³ (-10%, + 30%)
4. Dimensional	:	
Length (mtr.)	:	1.000 (-0, excess is permitted)
Width (mtr.)	:	0.500 (-2%, +10%)
Thick (mm)	:	50 (-2.5mm, +2.5mm)
5. Hardness (on B -Shore)	:	40 min.
6. Compressive Strength (10% compression)	:	2.3 Kg/cm ²
7. Linear Shrinkage (at 750°C for 24 Hours)	:	3.5% max
8. Chemical Composition	:	
Al ₂ O ₃ %	:	15 – 19
SiO ₂ %	:	77 – 82
Fe ₂ O ₃ + TiO ₂ %	:	1.5
Others	:	< 6
LOI %	:	4 – 7
9. Thermal Conductivity	:	
(at Mean Temperature 300°C)		0.080 W/mk
(at Mean Temperature 500°C)		0.150 W/mk
(at Mean Temperature 800°C)		0.307 W/mk