



## Ceramic Fibre Blanket

### Technical Characteristics:

- \* Excellent thermal stability and thermal shock resistance
- \* Excellent chemical stability
- \* Excellent tensile strength
- \* Low thermal conductivity
- \* Good sound absorption
- \* Low heat storage



Classification		1260		1400
Temp °C				
Product Name		STD	HP	HZ
Chemical Composition (%)	Al <sub>2</sub> O <sub>3</sub>	≥44	≥45	≥34
	SiO <sub>2</sub>	≥52	≥54	≥50
	ZrO <sub>2</sub>	-	-	≥15
Density (kg/m <sup>3</sup> )		96, 128	96, 128, 160	96, 128, 160
Tensile Strength Mpa (25mm thick)		≥0.04	≥0.05	≥0.05
Shrinkage on Heating (%)		1000°C x 24h ≤2.5	1100°C x 24h ≤2.5	1350°C x 24h ≤3.5
Thermal Conductivity W/M.K	400C	0.09	0.124	0.138
	600C	0.152	0.202	0.233
	1000C	0.22	0.23	0.25
Standard Size of Products		13mm x 610mm x 15.24m, 25mm x 610mm x 7.62m 38mm x 610mm x 5.0m, 50mm x 610mm x 3.81m		
Packaging		Carton, Woven Bag		
Quality And Environment Control System		ISO 9001 - 2000, ISO 14001 - 1996		

### Application Range:

- \* Used for wall linings and backup linings of industrial furnaces and for sealing and insulating of expansion gaps of furnace walls, furnace doors, furnace roofs, kilns etc.
- \* Insulating material for tubes, ducts, chimneys and domestic appliances.
- \* Excellent material for fire protection and thermo-acoustic insulation.