OWEN CORP (N.Z.) Limited

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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 Temp °C		**1260**		**1400**
Product Name		STD	HP	HZ
Chemical Composition (%)	Al_2O_3	≥44	≥45	≥34
	SiO_2	≥52	≥54	≥50
	ZrO_2	-	-	≥15
Density (kg/m3)		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 insulting of expansion gaps of furnace walls, furnace doors, furnace roofs, kilns etc.

* Insulting material for tubes, ducts, chimneys and domestic appliances.

* Excellent material for fire protection and thermo-acoustic insulation.

* All data represents typical results of standard tests conducted under controlled conditions. As such, the information is intended only as a general guide for specifications and design estimates.