

# Technical Data Sheet

## 1260 Board

1260 CERAMIC FIBRE Board are made from refractory ceramic fiber, attending inorganic and suitable organic binders. The mixture is vacuum processed into boards that keep good mechanical strength after heating.

### Characteristic

- Can withstand temperature up to 2300<sup>0</sup>F
- Fibers are bonded by binder
- Asbestos free

### Application

- Furnace with high gas flow velocity

### Classification temperature

1260<sup>0</sup>C (2300<sup>0</sup> F)

		Average	
<b>Bulk density</b>	kg / m <sup>3</sup>		280/300/350
<b>Liner shrinkage</b> 1100 <sup>0</sup> C x 8 hrs	%	≤ 3	1.7
<b>Thermal conductivity</b> Kcal/mh <sup>0</sup> C (W/mK) 280kg/m <sup>3</sup>	ASTM C201		
	mean 400 <sup>0</sup> C	≤	0.10 (0.12)
	0.07 (0.08) mean 600 <sup>0</sup> C	≤	0.14 (0.16)
	0.11 (0.13) mean 800 <sup>0</sup> C	≤	0.20 (0.23)
	0.15 (0.17)		
<b>Chemical composition</b> %	Al <sub>2</sub> O <sub>3</sub>	≥ 40	44.0
	Al <sub>2</sub> O <sub>3</sub> + SiO <sub>2</sub>	≥ 95	98.0
<b>Loss on ignition</b>	%	≤ 7	6
<b>Modulus of rupture</b>	kgf / cm <sup>2</sup> (MPa)	≥ 3 (0.29)	5 (0.5)
<b>Available size</b>	1000 x 600 x 5 to 50 mm	1200×1000×5to50mm	
<b>Dimensional tolerance</b>			
Length	1000 mm	+ 3 mm	- 2 mm
Width	600 mm	+ 3 mm	- 2 mm
Thickness	20 mm	+ 3 mm	- 2 mm