

1400 Board

ISOWOOL Ceramic Fiber 1400 Board is made of Alumino-Silicate and some pure Alumina fibrous wool by vacuum forming process.

- Characteristic
- Can withstand temperature up to 2600° F
 - Fibers are bonded by binder
 - Asbestos free
 - Can withstand gas flow velocity of 30 m/sec
 - Contain some pure Alumina fibers
- Application
- Furnace with high temperature and high gas flow velocity

Classification temperature 1400°C (2600° F)

		Specification	Average
Bulk density	kg / m ³	≥ 160	200
Liner shrinkage 1200° C x 24 hrs	%	≤ 2	1.6
Thermal conductivity Kcal/mh° C (W/mK) 200kg/m ³	ASTM C201 mean 600°C mean 800°C mean 1000°C	≤ 0.15 (0.17) ≤ 0.21 (0.24) ≤ 0.29 (0.34)	0.09 (0.10) 0.12 (0.14) 0.17 (0.20)
Chemical composition %	Al ₂ O ₃ Al ₂ O ₃ + SiO ₂	≥ 49.0 ≥ 98.0	52 99
Loss on ignition	%	≤ 8	6
Modulus of rupture	kg / cm ²	≥ 3	5
Available size	900 x 600 x 5 to 50 mm		
Dimensional tolerance			
Length	900 mm	+ 3 mm	- 2 mm
Width	600 mm	+ 3 mm	- 2 mm
Thickness	20 mm	+ 2 mm	- 2 mm

