



Ceramic Fiber Board

Application:

Ceramic Fiber Board is made of Alumino-Silicate fibrous wool by vacuum forming process.

- Furnace with high temperature and high gas flow velocity

Characteristic:

- Fibers are bonded by binder
- Low density and low thermal conductivity
- Shorter heat up and cool down time
- Resilience and resistance to thermal shock
- Greater mechanical strength
- Can withstand gas flow velocity of 30 m/sec
- Even density, thickness
- Flexible and easy to cut or install
- Asbestos free



Physical and chemical index:

	1000 Board			
Classification temperature (°C)	1000			
Bulk density (Kg/m ³)	250			
Linear shrinkage (% , °C x 24 hrs)	1.3 (900)			
Modulus of rupture (kg / cm ²)	5			
Shot content (>212 micro meter) (%)	18			
Thermal conductivity Kcal/mh °C (W/mK) ,ASTM C201				
	250 kg/m ³	250 kg/m ³	200kg/m ³	180kg/m ³
mean 400 °C	0.08	0.09		
mean 600 °C	0.13	0.14	0.10	0.12
mean 800 °C	0.20	0.18	0.14	0.16
mean1000 °C			0.20	0.21
Chemical composition (%)				
Al ₂ O ₃	40.1	44	52	58
SiO ₂	54.3	54	47	41
ZrO ₂				
Cr ₂ O ₃				
Available size (mm/pc)	900 / 1000*600*6 / 12.5 / 20 / 25 / 30 / 40 / 50 ; 1100*700*25 / 50			