

## Ceramic Fiber Board

Code: KXT CF107



### Description

Kaxite provide all kinds of ceramic fiber board, adopting corresponding blowing fiber (ST, HP, HAA, HZ) as the material, are produced by vacuum formed technology. Do not only possess the same, function of fiber, but also have hard texture, excellent toughness and intensity, and excellent fiber resistant and heat preservation.



Item no.:KXT-PYW

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- > Flat surface;
- > Excellent mechanical and structure strength;
- > Equal volumetric weight and thickness;
- > Low thermal conductivity and low shrinkage;
- > Air-current resistant washing.

### Prime Features

Ceramic fiber board uses non-brittle material, therefore it has good tenacity, high compressive strength, good flatness and mechanical process ability. It is ideal material for wall liner and back lining of the heating equipments.

### Application

- > Heat insulation for back lining of high temperature industrial furnace;
- > Heat surface lining materials for porcelain furnace, heat treatment furnace of mechanical and metallurgy and other industrial furnaces.

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## Specification

Item	COM	ST	HP	HAS	HZ	
Categorize the Temp 聽 oC	1100	1260	1260	1360	1430	
Working Temp 聽 oC	< 1000	1050	1100	1200	1350	
Colour	White	White	White	White	White	
Density kg/m3	260/320	260/320	260/320	260/320	260/320	
Rate of line (%) 24h, density 320kg/m3	-4 1000oC	-3 1000oC	-3 1100oC	-3 1250oC	-3 1350oC	
Rate of thermal conductivity (w/m.k) density: 285kg/m3	0.085 (400 )	0.085 (400 )	0.085 (400 )	0.085 (400 )	0.085 (400 )	
	0.132 (800 )	0.132 (800 )	0.132 (800 )	0.132 (800 )	0.132 (800 )	
	0.180 (1000	0.180 (1000	0.180 (1000	0.180 (1000	0.180 (1000	
Tensile strength (Mpa) Strength 10%	0.5	0.5	0.5	0.5	0.5	
Chemical composition (%)	AL2O3	40~44	45~46	47~49	52~55	39~40
	AL2O3+SIO2	95~96	96~97	98~99	99	/
	AL2O3+SIO2+ZRO2	/	/	/	/	99
	ZRO2	/	/	/	/	15~17
	FE2O3	<1.2	<1.0	0.2	0.2	0.2
	NA2O+K2O	<0.5	<0.5	0.2	0.2	0.2
Size (mm)	Common specification: 600*400*10~5; 900*600*20~50, other made according to customer's requirements					