

## **CCEWOOL Bio Soluble fiber board**

CCEWOOL Bio Soluble fiber board is rigid board using CCEWOOL soluble fiber bulk with organic and inorganic binder. CCEWOOL Bio Soluble fiber board is able to contact with fire directly and can be cut into different size. Low thermal conductivity, low heat storage and excellent resistance to thermal shock allow this product to be used in a wide range of application where temperature changes fast.

### **Characteristics of Product:**

Low thermal conductivity  
Low thermal storage  
High tensile strength  
Thermal shock resistance  
Lightweight  
Excellent corrosion resistance

### **Typical applications:**

Hot face lining for furnace and oven  
Flue & chimney linings in furnaces & kilns  
Insulating backup for these products:  
Fire brick  
Insulating brick  
Refractory castable  
Insulation for electric appliance and heat treatment

### **Technical Data:**

<b>CCEWOOL® Soluble Fiber board</b>	
Classification temperature	1200 °C
Density kg/m <sup>3</sup>	300/ 320/ 350

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No.105 Liuquan Rd Zibo,Shandong,China  
Post code:255000

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Website: www.ceceramicfiber.com

Max short term exposure	1200 °C
Operation temperature	1000 °C
Melting point	1270 °C
Permanent linear change on reheating, %, EN1091-1	
After 2 hours heating @600°C	0.15
@800°C	0.35
@1000°C	0.35
Thermal conductivity, W/m.K ASTM C-201	
temperature @200°C	0.07
@400°C	0.1
@600°C	0.15
@800°C	0.19
Chemical composition(%)	
SiO <sub>2</sub>	65-68
CaO	27-33
MgO	2-7
Others	0-1

### Specifications:

Common Size (mm)	L x W	1200x1000; 1200x600;
		1000X1000; 1000X600;
		900x600; 600x300
	Thickness	10-80
Packing		Inner Plastic Bag + Outer pallet or Carton

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