

## **CCEWOOL® Soluble Fiber board**

### **Description:**

CCEWOOL® soluble fiber board is rigid board using CCEWOOL soluble fiber bulk with organic and inorganic binder. CCEWOOL® 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.

### **Characteristic:**

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

### **Application:**

- 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
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

**Size:**

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

Add: No.105 Liuquan Rd,Zibo,Shandong,China.255000

Tel: +86-533-7986860

Fax: +86-533-6077229

Email: [ccewool@ceceramicfiber.com](mailto:ccewool@ceceramicfiber.com)

Website: [www.ceceramicfiber.com](http://www.ceceramicfiber.com)

[www.cndoubleegret.com](http://www.cndoubleegret.com)