

## **CCEWOOL® classic series large size ceramic fiber board**

### **Description:**

CCEWOOL® classic series large size ceramic fiber board enjoys a host of characteristics such as light weight, precise size, high compressive strength, which is easy for installation, the max width is 1.8m.

### **Characteristics:**

Intact, super large size  
Excellent fireproof property  
Low thermal conductivity  
Low thermal storage  
Accurate size, good flatness

### **Application:**

refractory lining  
Insulating backup to dense refractory materials  
Insulating backup to brick & castable  
Furnace hot face lining in ceramic kiln, box furnace & petrochemical furnace  
Use in industrial heat processing equipment  
Rigid high-temperature gaskets & seals  
High-temperature baffles & muffles  
Flue & chimney linings in furnaces & kilns  
Molten metal trough covers  
Hot gas duct linings  
Expansion joints  
Industrial heat shields & thermal barriers  
Industrial combustion chamber construction  
Domestic appliance & light-duty industrial combustion chamber construction

**Technical data:**

<b>CCEWOOL® classic series large size ceramic fiber board</b>					
Classification temperature	1050 (1920°F)	1260 STD (2300°F)	1260 HP (2300°F)	1400 (2550°F)	1430 HZ (2600°F)
Operation Temp °C	950	1050	1100	1200	1350
Permanent Linear Change on Heating (%)					
@950C,24hrs	4	-	-	-	-
@1200C,24hrs	-	3	3	-	-
@1300C,24hrs	-	-	-	3	-
@1350C,24hrs	-	-	-	-	3
Thermal Conductivity (w/m.k)					
600 °C	0.13	-	-	-	-
800 °C	0.2	0.13	0.13	0.12	0.16
1000 °C	-	0.19	0.19	0.2	0.2
Rupture Strength (MPa)					
Thickness ≤ 25mm	0.5	0.5	0.5	0.5	0.5
Thickness > 25mm	0.2	0.2	0.2	0.2	0.2
Chemical Composition (%)					
Al <sub>2</sub> O <sub>3</sub>	37	46	46-49	52-55	39-40
Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub>	96	97	99	99	-
ZrO <sub>2</sub>	-	-	-	-	15-17
Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> +ZrO <sub>2</sub>	-	-	-	-	99
Fe <sub>2</sub> O <sub>3</sub>	≤1.0	≤0.8	≤0.2	≤0.2	≤0.2
Na <sub>2</sub> O+K <sub>2</sub> O	≤0.8	≤0.5	≤0.2	≤0.2	≤0.2
Package	Carton box or pallet				

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

**Size:**

CCEWOOL® classic series large size ceramic fiber board	
Thickness (mm)	20/ 25/ 50
Density (kg/m <sup>3</sup> )	280/ 300/ 320
Size (mm)	1200*2400 or customized size

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