

CCEWOOL® Low Biopersistent Fiber Board 2192



Temperature grade 1200°C (2192°F)

CCEWOOL® Low Biopersistent Fiber Board 2192 is a soluble fiber board made from a mixture of organic and inorganic binders, with a very low Fe₂O₃ content. Our CCEWOOL® Low Biopersistent Fiber boards can come into direct contact with fire and can be cut into various sizes according to customer

requirements. It has an extremely low thermal conductivity, low heat storage capacity, and excellent resistance to thermal shock, making it suitable for applications with large temperature variations.

Characteristics:

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.



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CCEWOOL® Low Biopersistent Fiber Board 2192	
Classification Temperature (°C)	1200°C(2192°F)
Color	Light Bluish
Density (kg/m³)	300
Modules of Rupture (MPa)	≥0.25
Compressive Strength (MPa, 10% relative deformation)	0.15
Loss of Ignition (%)	≤7
Permanent Linear Shrinkage (%)	1100°C x 24h ≤2.0
Thermal Conductivity (W/m·K)	
200°C	0.05
400°C	0.08
600°C	0.10
800°C	0.12
1000°C	0.14

