

CCEWOOL® Low Biopersistent Fiber Board 2372



Temperature grade 1300°C

(2372°F)

CCEWOOL® Low Biopersistent

Fiber Board 2372 is the latest development in soluble fiber products, made from a blend of soluble fiber cotton, organic,

and inorganic binders, forming a hard board. In use, Low Biopersistent Fiber Board maintains high compressive strength and low thermal conductivity, with physical properties remaining stable. It can withstand temperatures up to 1300°C (2372°F), providing stability to the entire refractory lining system. CCEWOOL® Low Biopersistent Fiber Board 2372 exhibits excellent chemical stability and can resist attack from most acids and corrosive agents, except hydrofluoric acid, phosphoric acid, and concentrated alkalis.

Characteristics:

High temperature stability;

Low thermal conductivity;

Resistance to thermal shock;

Good handling strength;

Easy to cut with standard tools.

Application:

Hot gas duct linings;

Rigid high temperature gaskets and seals;

Heat shields;

Shapes for domestic appliances;



Molten metal transfer systems.

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CCEWOOL® Low Biopersistent Fiber Board 2372	
Classification Temperature (°C)	1300°C(2372°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 (%)	1260°C x 24h ≤2.0
Thermal Conductivity (W/m·K)	
200°C	0.05
400°C	0.07
600°C	0.10
800°C	0.11
1000°C	0.14

