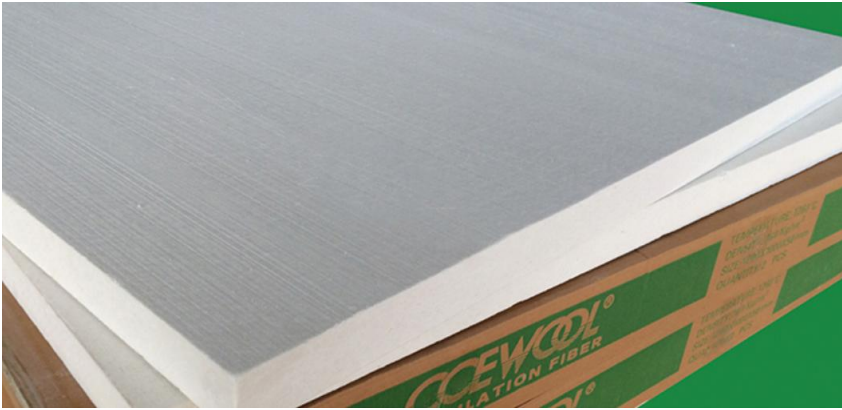


CCEWOOL® Ceramic Fiber Board 2600



Temperature Grade

1430 °C(2600 °F)

CCEWOOL® Ceramic Fiber Board

2600 is an insulating material that contains zirconium refractory ceramic fibers. Zirconium is added to the production raw materials to

form a high-temperature resistant zirconium-containing insulation board, providing high stability at high temperatures. It has a long-term working temperature of approximately 1350 °C (2462 °F). CCEWOOL® Ceramic Fiber Board 2600 exhibits excellent chemical stability and can resist the corrosion of most corrosive media. It can withstand oxidation and reduction at high temperatures.

Characteristics:

Low heat capacity, low thermal conductivity;

Non-brittle material, good elasticity;

High compressive strength;

Excellent wind-erosion resistance, long service life;

Excellent thermal stability and thermal shock resistance;

Continuous production, even fiber distribution and stable performance;

Good sound insulation;

Good anti-stripping properties;

Easily molded or cut, easy to install;

Accurate sizes and good flatness.

Application:

Full thickness refractory lining;



Insulating backup to dense refractories;
 Insulating backup to brick & castable;
 Furnace hot face lining in ceramic kiln, box furnace & petrochemical furnace;
 Board over blanket hot face lining;
 Rigid high-temperature gaskets & seals;
 High-temperature baffles & muffles;
 Flue & chimney linings in furnaces & kilns;
 Infrared element supports;
 Glass tank side & end wall & port neck insulation;
 Trough linings for conveying molten metals;
 Molten metal trough covers;
 Thermal insulation where high velocities are encountered;
 Heat shields for personnel protection;
 Hot gas duct linings;
 Low- & high-temperature dryers;
 Pouring forms for castable;
 Expansion joints.

TDS

CCEWOOL® Ceramic Fiber Board 2600	
Classification Temperature	1430°C (2600°F)
Operation Temperature	1350°C (2462°F)
Color	white
Loss of Ignition (%)	≤6
Permanent Linear Shrinkage (%)	1350°C x 24h ≤ 3.5
Modules of Rupture (MPa)	≥0.3
Compressive Strength (MPa, 10% relative deformation)	
300kg/m ³	≥0.25

	360kg/m ³	≥0.3
Thermal Conductivity (w/m.k)		
	400℃	0.07
	600℃	0.1
	800℃	0.13
	1000℃	0.18
Chemical Composition (%)		
	Al ₂ O ₃	≥35
	SiO ₂	≥49
	ZrO ₂	≥15
Package	Carton box or pallet	

CCEWOOL® Ceramic Fiber Board 2600		
Thickness (mm)	20.25.50	80.100
Density (kg/m ³)	280. 300. 320. 350	280. 300. 320
Size (mm)	1200×1000 or customized size	

CCEWOOL® Ceramic Fiber Board 2600		
Thickness (in)	4/5", 1", 2"	3", 4"
Density (lb/ft ³)	17#, 19#, 20#, 22#	17#, 19#, 20#
Size (in)	47"×40" or customized size	

