

## CCEWOOL® 1000°C Calcium Silicate Board



Temperature degree: 1000 °C (1832°F)

CCEWOOL® 1000 °C calcium silicate board is a new type white and hard insulation material, characterized with lightweight, high strength, low thermal conductivity, high temperature resistance, corrosion resistance, cutting. The

refractoriness is 1000 °C, can be widely used in power plant, refining, petrochemical, building, vessel filed.

The general thickness is between 25mm to 120mm, density ranges from 250kg/m<sup>3</sup> to 300kg/m<sup>3</sup>.

### Characteristics:

On top of light weight, low thermal conductivity, high rupture and, compressive strengths, calcium silicate won't distort even in contact with water, with other features like long service life, sawing-worthiness, easy processing, non-toxics, non-corrosiveness to piping and equipment, etc..

### Application:

Mainly used as insulation for thermal equipment and piping in the power, chemical, metallurgy, petrochemical, textile and light industries, as well as insulation for building, ship and train.

### TDS

<b>CCEWOOL® 1000°C Calcium Silicate Board</b>		
Classification Temperature	1000 °C (1832 °F)	1000 °C (1832 °F)
Bulk Density (kg/m <sup>3</sup> )	230±10	280±10
Rupture Strength (Mpa)	0.55	0.55
Compressive Strength (Mpa)	1.4	1.4
Thermal Conductivity (W/m.k.)		

	200C	0.058	0.058
	400C	0.095	0.095
Linear Shrinkage(%)			
	®1000°C,16hrs	≤1.6	≤2
Size (mm)	1000x500x50~120; 500x500x50~120	1000x500x25~50;	
		500x500x25~50	
Packing	Carton or wooden pallet		

