

CCEWOOL® 1000 °C Calcium Silicate Board

Description:

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 field. The general thickness is between 25mm to 120mm, density ranges from 250kg/m³ to 300kg/m³.

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

Technical data and Size:

CCEWOOL® 1000°C Calcium Silicate Board		
Classification Temperature	1000°C	1000°C
Bulk Density (kg/m ³)	230±10	280±10
Rupture Strength (Mpa)	0.55	0.55
Compressive Strength (Mpa)	1.4	1.4
Thermal Conductivity (W/m.k.)		
200°C	0.058	0.058
400°C	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	