CCEWOOL Thermomax Inc.
salesusa@ccewool.com
www.ccewool.com

CCEWOOL® Ceramic Fiber Board MD



Temperature Grade 1260℃(2300℉)

CCEWOOL® Ceramic Fiber Board MD is produced from high-purity alumina-silicate fibers with a certain proportion of inorganic or organic binders added. It is manufactured through processes such as pressing, curing, shaping, longitudinal and transverse cutting, resulting in a rigid board with outstanding performance. CCEWOOL® Ceramic Fiber Board MD is designed to meet the demanding requirements of modern industry, offering high strength and rigidity while exhibiting excellent insulation properties and high-temperature stability. The surface of CCEWOOL® Ceramic Fiber Board MD is flat, and it is available in various standard thicknesses for selection.

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:

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High temperature kiln and furnace linings;

Rigid high temperature gaskets and seals;

Heat shields;

Gas boiler combustion chamber linings;

Furnace hot face lining in ceramic kiln, box furnace & petrochemical furnace;

Use in industrial heat processing equipment;

High-temperature baffles & muffles;

Flue & chimney linings in furnaces & kilns;

Industrial heat shields & thermal barriers.

TDS

CCEWOOL® Ceramic Fiber Board MD	
Classification Temperature	1260℃(2300℉)
Operation Temperature	1050℃(1922℉)
Color	white
Loss of Ignition (%)	≤6
Permanent Linear Shrinkage (%)	1050℃x24h≤3.0
Modules of Rupture (MPa)	≥0.3
Compressive Strength (MPa,10% relative deformation)	
300kg/m3	≥0.25
360kg/m3	≥0.3
Thermal Conductivity (w/m.k)	
400℃	0.08
600℃	0.11
800℃	0.14
1000℃	0.19
Chemical Composition (%)	
Al2O3	≥44
SiO2	≥52
ZrO2	-
Package	Carton box or pallet

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CCEWOOL® Ceramic Fiber Board MD	
Thickness (mm)	3 - 100
Size (mm)	1200×1000 or customized size

CCEWOOL® Ceramic Fiber Board MD	
Thickness (in)	1/8” - 4”
Size (in)	48”×40” or customized size