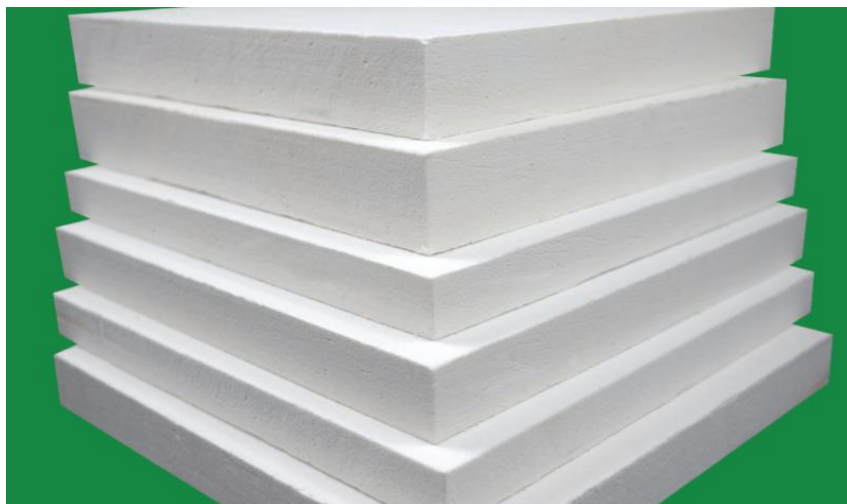


CCEWOOL Thermomax Board



Temperature Grade:

1100 °C (2012 °F)

CCEWOOL Thermomax Board is a sustainable eco-friendly thermal insulation material developed by our factory. CCEWOOL Thermomax Board is made of recyclable mineral fiber as the main material with a small amount of binding agent, which is degradable. The maximum operating temperature of this product is 1100°C,

and it should not be used as a hot surface material in furnace to directly contact the flame. CCEWOOL Thermomax Board has excellent moisture resistance and will not absorb water from adjacent refractory materials during use.

Characteristics:

- Excellent moisture resistance;
- Excellent corrosion resistance;
- Low heat capacity, low thermal conductivity;
- High compressive strength;
- Non-brittle material, good elasticity;
- Accurate sizes and good flatness
- Easily molded or cut, easy to install
- Continuous production, even fiber distribution and stable performance;
- Excellent thermal stability and thermal shock resistance.

Application:

Cement and construction materials: furnace back thermal insulation lining.

Ceramics industry: lightweight kiln car structure and the furnace hot face lining, separation and fire position for all kiln temperature zones;

Petrochemical industry: as high-temperature furnace hot surface lining material;

Glass industry: As furnace hearth back insulation lining, burner blocks;

Hot surface refractories, heavy refractory back linings, expansion joints.

Firebrick back lining for tundish, slot cover and aluminum plant electrolytic reduction cell;

All heat treatment furnace lining, expansion joints, backing insulation, thermal insulation and mold insulation, steel mill ladle, tundish, ladle and refined ladle back linings.

TDS

CCEWOOL Thermomax Board	
Classification temperature	1100°C (2012°F)
Operation Temp°C	950
Permanent Linear Change on Heating (%)	
@950C,24hrs	4
@1200C,24hrs	-
@1300C,24hrs	-
@1350C,24hrs	-
Thermal Conductivity (w/m.k)	
600°C	0.13
800°C	0.2
1000°C	-
Rupture Strength (Mpa)	
Thickness≤25mm	0.5
Thickness> 25mm	0.2
Chemical Composition (%)	
Al ₂ O ₃	37
Al ₂ O ₃ +SiO ₂	96
ZrO ₂	-
Al ₂ O ₃ +SiO ₂ +ZrO ₂	-
Fe ₂ O ₃	≤1.0
Na ₂ O+K ₂ O	≤0.8
Package	Carton box or pallet

CCEWOOL Thermomax Board		
Thickness (mm)	20.25.50.	80.100
Density (kg/m ³)	280. 300. 320. 350	280. 300. 320
Size (mm)	600*300. 1200*600.1200*1000 or customized size	

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