

CCEWOOL Ceramic Fiber Hearth Board



Temperature Grade: 1260 °C (2300 °F)
CCEWOOL Ceramic Fiber Hearth Board is a high-density insulation panel made primarily from aluminosilicate fibers with a minor binder. It features exceptional toughness, self-supporting strength, and compressive resistance, effectively withstanding the impact of molten metal.

With a compressive strength more than ten times that of standard ceramic fiber boards, it is classified as a high-strength fiber panel. Available in multiple standard thicknesses.

Characteristics:

- Low heat capacity, low thermal conductivity;
- Excellent chemical stability;
- Excellent thermal stability, high temperature is not easy chalking;
- Non bonding agent or corrosive substances;
- Good sound insulation.

Application:

- Metal Melting Furnace Hearth Insulation;
- Foundry Equipment Hearth Protection;
- Metallurgical Kiln Hearth Insulation;
- Chemical Reactor Vessel Lining;
- Heat Treatment Equipment Hearth;
- Industrial Kiln Maintenance and Replacement.

TDS

CCEWOOL Ceramic Fiber Hearth Board	
Type(°C)	1260

Loss on ignition (1260x1h)	≤10
Permanent Linear Change on Heating(%)	1050x24h≤-3
Theoretic Heat Conductivity Co-efficient(w/m.k) (800℃)	≤0.15
Water content(%)	≤1.0
Compression strength(Mpa)	≥0.8
Theoretical density(kg/m3)	400kg/m3-600kg/m3
Regular Size(mm)	Length:1000,500mm Width:600/300mm Thickness:20-50mm
Package	Carton or Pallet

Categories		Typical Size Ceramic fiber hearth board
Density(kg/m3)		400kg/m3-600kg/m3
Common Size(mm)	L x W	1000x600;1000x300;500X600;500X300;1000x200
Thickness		20-50mm
Packing		Inner Plastic Bag + Outer pallet or Carton