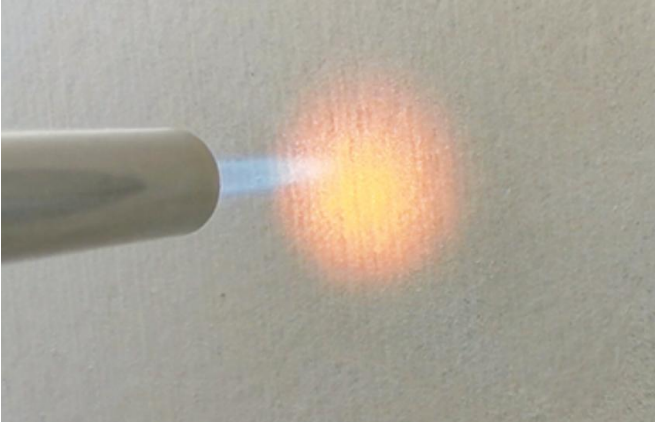


## CCEWOOL® Inorganic Ceramic Fiber Board



Temperature Grade 1260°C (2300°F)

CCEWOOL has developed pure inorganic ceramic fiber boards and inorganic shaped pieces tailored to market demands. These products are manufactured on a proprietary production line with the addition of an inorganic binder. Used in domestic appliances and smoke-free thermal

equipment (such as electric heating stoves, wall-mounted boilers, and spinning ducts), these fire-resistant insulation materials do not blacken at high temperatures and are smokeless and odorless. They also boast excellent strength and hardness, with no significant reduction in post-fire strength.

### **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;

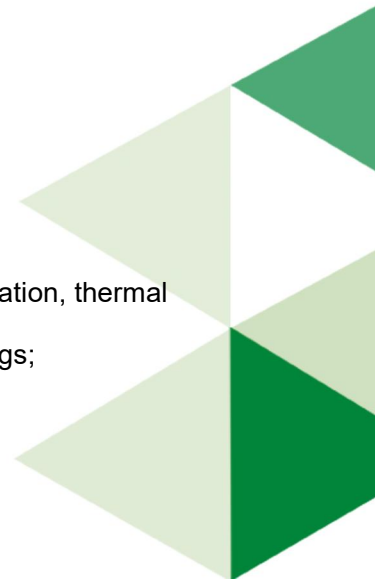
Good anti-stripping properties;

Easily molded or cut, easy to install;

Accurate sizes and good flatness.

### **Application:**

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



Non-ferrous metals industry: Firebrick back lining for tundish, slot cover and aluminum plant electrolytic reduction cell;

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

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

Kiln construction: Hot surface refractories, heavy refractory back linings, expansion joints.

Light industry: Industrial and household boiler combustion chamber lining;

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

Craft glass: As craft glass or other deep-processed and molded products mold;

Cement and construction materials: furnace back thermal insulation lining.

## TDS

<b>CCEWOOL® Inorganic Ceramic Fiber Board</b>	
Classification Temperature	1260 °C (2300 °F)
Density (kg/m <sup>3</sup> )	320/360
Loss on ignition (%)	≤ 2
Normal temperature compressive strength (MPa)	≥ 0.15
Post-Firing Compressive Strength (MPa)	≥ 0.15
Surface Hardness (Hc)	≥ 60
Thermal Conductivity (W/m-K)	≤ 0.135 (500 °C)
Common Specifications and Dimensions (mm)	900×600×20-50 (47"×24"×4/5"-2")

