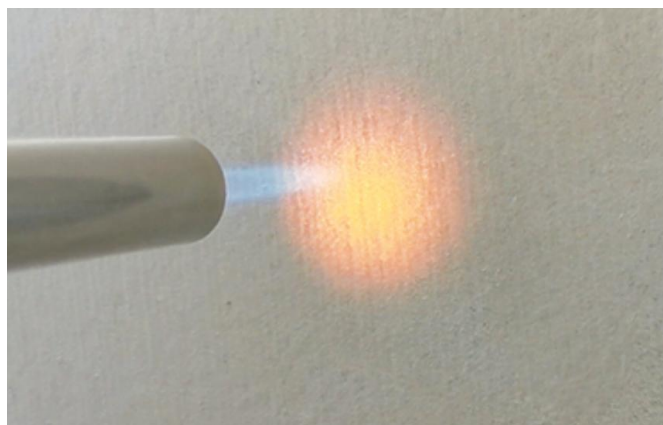


CCEWOOL Inorganic Ceramic Fiber Board



Temperature Grade: 1260 °C (2300 °F)

In response to market demand, CCEWOOL has developed fully inorganic ceramic fiber boards and molded parts. Produced on proprietary lines with inorganic binders, these boards are designed for household appliances and smokeless heating equipment (e.g., electric furnaces, wall-mounted boilers, fiber-spun air ducts). CCEWOOL Inorganic Ceramic Fiber Boards remain unstained, smoke-free,

and odorless at high temperatures, while offering exceptional strength and hardness that is not significantly reduced even after exposure to fire.

Characteristics:

Low heat capacity and low thermal conductivity;

Non-brittle material with good elasticity;

High compressive strength;

Excellent wind erosion resistance and long service life;

Superior thermal stability and thermal shock resistance;

Continuous production ensures uniform fiber distribution and stable performance;

Good sound-absorption properties;

Excellent delamination resistance;

Easy to shape or cut, simple installation;

Accurate dimensions and excellent flatness.

Application:

Steel Industry: All heat-treatment furnace linings, expansion joints, backup insulation, thermal lining of moulds, and backing linings for steel ladles, tundishes, hot metal ladles, and refining ladles.

Non-Ferrous Metals Industry: Backing linings for tundishes, trough covers, and refractory brick linings in aluminum smelting cells.

Ceramics Industry: Lightweight kiln car structures and hot-face linings, temperature-zone dividers, and burner blocks in various kiln zones.

Glass Industry: Furnace chamber backup insulation and burner block linings.

Refractory Construction: Hot-face refractories, backup of dense refractories, and expansion-joint fillers.

Light Industry: Linings for industrial and domestic boiler combustion chambers.

Petrochemical Industry: Hot-face linings for high-temperature furnaces.

Art Glass & Deep-Processing: Moulds for art glass and other precision-formed products.

Cement & Building Materials: Backup insulation for kiln linings.

TDS

CCEWOOL® Inorganic Ceramic Fiber Board	
Classification Temperature	1260℃(2300°F)
Density (kg/m ³)	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℃)
Common Specifications and Dimensions (mm)	900×600×20-50 (47"×24"×4/5"-2")