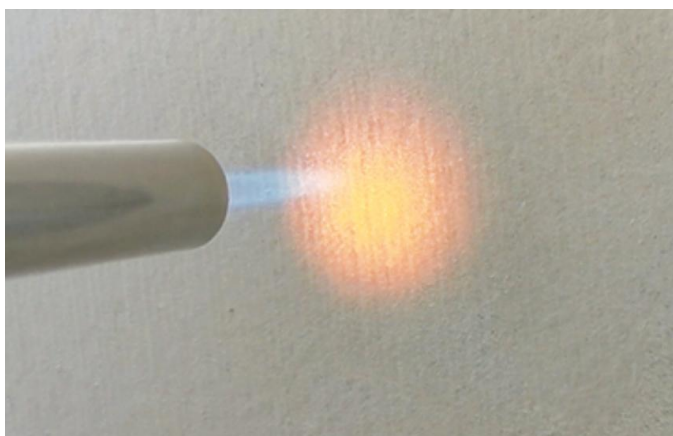


CCEWOOL® Inorganic Ceramic Fiber Board



Classification Temperature: 1260°C (2300°F)

Chemical Composition: Alumina, Silica

CCEWOOL® Inorganic Ceramic Fiber Board is made from high-purity ceramic fiber bulk using our self-developed production line and an inorganic bonding system. It contains no organic binders and provides both environmental compatibility and stable high-temperature performance. Compared with conventional ceramic fiber board, it produces no

smoke, odor, or blackening during high-temperature service while maintaining good mechanical strength and thermal stability, even under long-term or demanding operating conditions.

Thanks to its clean inorganic system and stable board structure, CCEWOOL® Inorganic Ceramic Fiber Board is suitable not only for standard insulation applications but also for Fabrication processing. It can be cut, grooved, drilled, beveled, and machined into custom shapes according to customer drawings for shaped components, composite insulation structures, and customized high-temperature parts. This makes it well suited to electrical heating equipment and complex structures requiring good processability, consistency, and cleanliness.

CCEWOOL® Inorganic Ceramic Fiber Board and shaped components are designed for smoke-free heating equipment such as electric furnaces, wall-mounted boilers, ovens, and hot-air ducts. They are widely used in household appliances and industrial electric heating systems, providing clean, stable, and reliable thermal insulation.

Characteristics:

No organic binders;

Low thermal conductivity and excellent thermal insulation;

High compressive strength;

Corrosion-resistant, moisture-resistant, and mold-resistant;

Excellent thermal stability and impact resistance;

Easy to form, cut, and install;

Machinable into complex shapes;

Accurate dimensions and excellent flatness;

Long service life.

Applications:

Electric furnaces and laboratory furnaces;

Residential wall-mounted boilers and electric heating equipment;

Ovens and drying ovens;

Combustion chamber structures;

Diffusion furnaces;

Flue and exhaust duct linings;

Furnace components;

Components in contact with molten metal;

Thermal shields;

High-temperature gaskets and seals;

Hot-top covers for superalloy casting;

Semiconductor processing equipment.

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CCEWOOL® Inorganic Ceramic Fiber Board	
Classification Temperature	1260°C(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°C)
Common Specifications and Dimensions (mm)	900×600×20-50 (47"×24"×4/5"-2")