

HENGRUI H-TEMPERATURE ENERGY-SAVING MATERIALS CO.,LTD

Zheshang Industrial Park. Xiping county. Zhumadian City, China.

TELL: 0396—6278666 Email: thermalinsulation@icloud.com www.ceramicfiberfactory.com

POLYCRISTALLINE MULLITE/ALUMINA Board

The POLYCRISTALLINE MULLITE/ALUMINA Board is made of high temperature POLYCRISTALLINE MULLITE/ALUMINA WOOL (PCW) with stable chemical composition. adding appropriate organic and inorganic binder. and produced by unique process and formula, The product has excellent thermal shock resistance for extreme cold and hot conditions

Technical Data of Ceramic Fiber board

ITEM	1500	1600	1700	1800PCW
Classification temp. °C (°F) *	1500 (2732)	1600 (2912)	1700 (3092)	1800 (3272)
Continuous duty temperature, °C (°F)	1350 (2462)	1400 (2732)	1500 (2732)	1650 (3002)
Density approx. kg/m3	350/400	350/400	350	350/400
Linear shrinkage, % (24 hours at max. continuous duty temperature)	≤1	≤1	≤1	≤1
Guide analysis, %				
CaO	—	—	—	—
MgO	—	—	—	—
Al ₂ O ₃	62	64	75	75
SiO ₂	37	35	24.5	24.5
ZrO ₂	—	—	—	—
Cr ₂ O ₃	—	—	—	—
Thermal conductivity, W/m.K				
At 600 °C (390°F)	0.09	0.15		
At 800 °C (390°F)	0.15	0.32		
At 1000 °C (390°F)	0.27	0.46		

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*Classification temperature of the fibers used

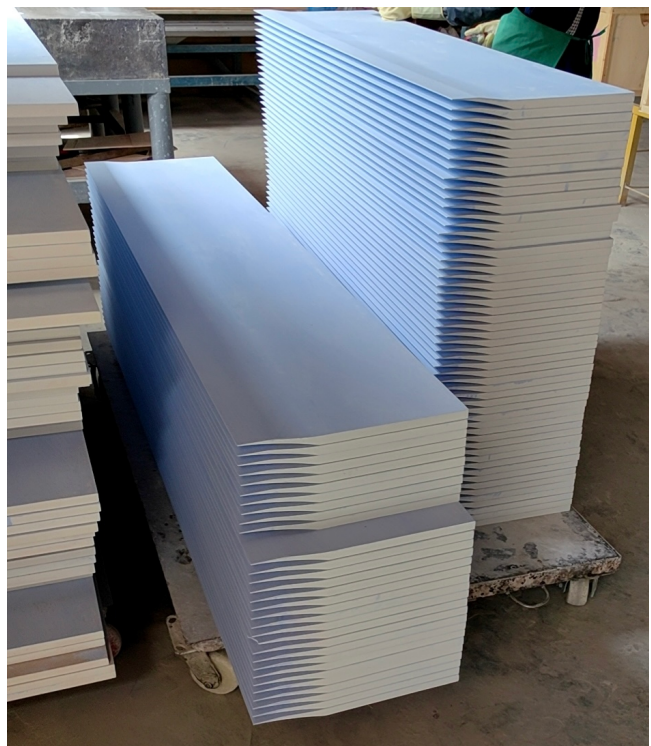
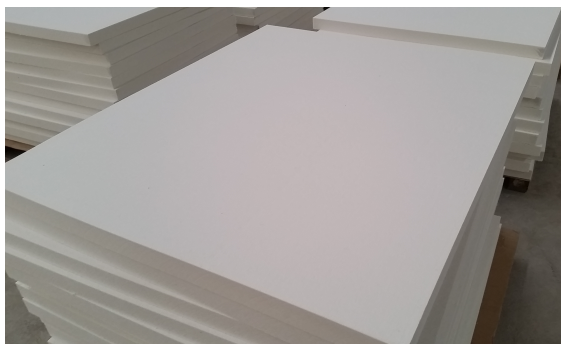
The Product Feature

- 1.High temperature stability
- 2.Low thermal conductivity
- 3.Low thermal capacity.
- 4.Strong process-ability .
- 5.Resistant to thermal shock
- 6.Able to contact flame.
- 7.easy installation and use.

The Product Specification

Dimension	Length(mm)	Width(mm)	Thickness(mm)	Packing
Standard Size	1000	600	30-120	Cartons or Pallet

*Thickness, length and width are to be Negotiated



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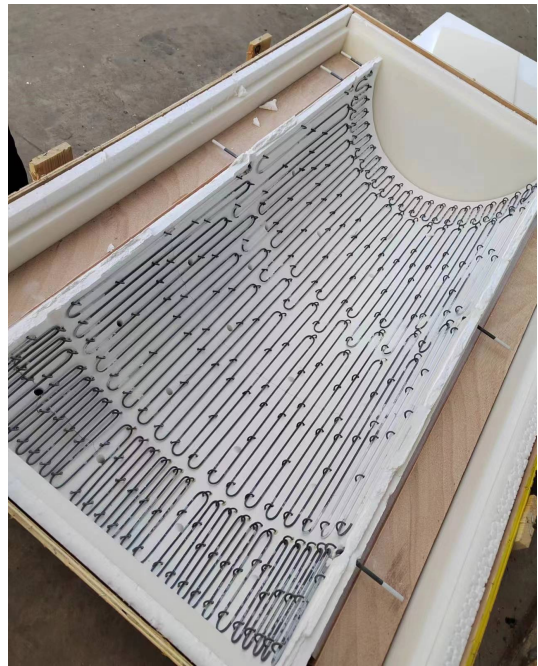
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Typical Application



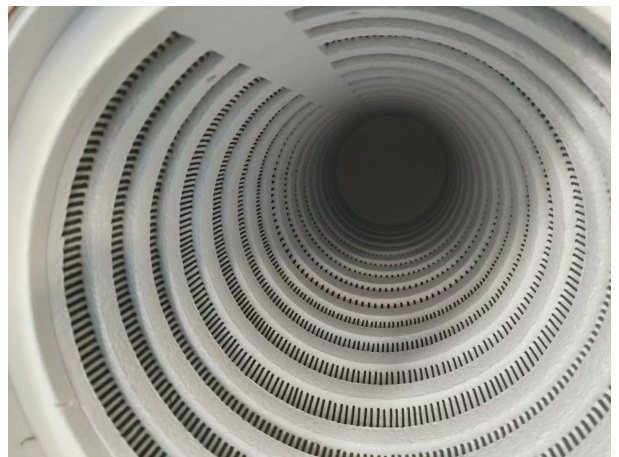
Zirconia Dental Sintering Furnace
thermal insulator



Semiconductor Thermal Oxidation
Furnace insulator



Melting furnace insulation



CVD furnace insulator