

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

Ceramic Fiber Board

The ceramic fiber Board is made of high temperature fiber 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	1200A ES	1260HP	1430Zr	1500	1600	1700	1800
Classification temp. °C (°F)*	1200 (2192)	1260 (2300)	1430 (2606)	1500 (2732)	1600 (2912)	1700 (3092)	1800 (3272)
Continuous duty temperature, °C (°F)	1000 (1832)	1060 (1940)	1200 (2192)	1350 (2462)	1400 (2732)	1500 (2732)	1650 (3002)
Density approx. kg/ m3	320	250/300	280/300	350/400	350/400	350	350/400
Linear shrinkage, %(24 hours at max. continuous duty temperature)	≤4	≤4	≤4	≤1	≤1	≤1	≤1
Guide analysis, %							
CaO	26-33	—	—	—	—	—	—
MgO	3-7	—	—	—	—	—	—
Al2O3	—	45	67	62	64	75	75
SiO2	62-68	43	32.5	37	35	24.5	24.5
ZrO2	—	—	15-17	—	—	—	—
Cr2O3	—	—	—	—	—	—	—
T h e r m a l conductivity, W/m.K							
At 600 °C (390°F)	0.11	0.11	0.11	0.09	0.15		
At 800 °C (390°F)	0.14	0.15	0.14	0.15	0.32		
At 1000 °C (390°F)	0.19	0.2	0.19	0.27	0.46		

*Classification temperature of the fibers used

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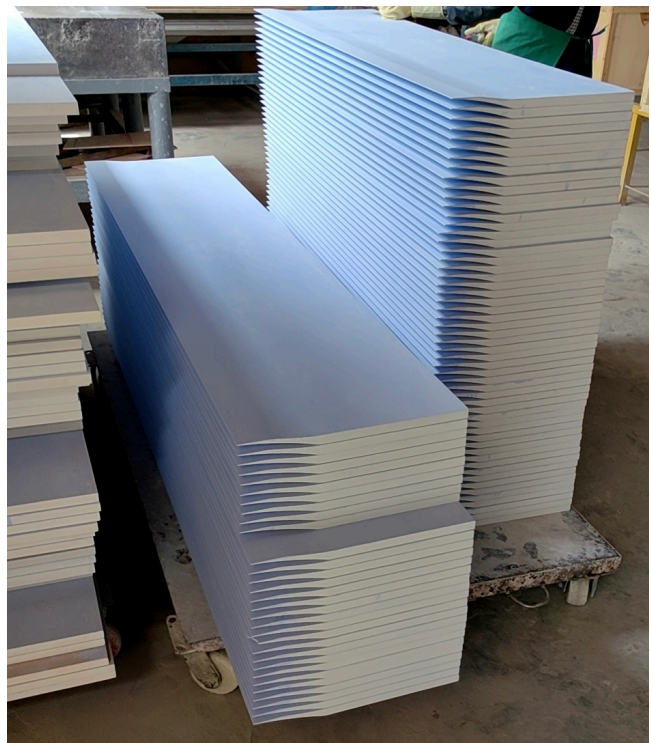
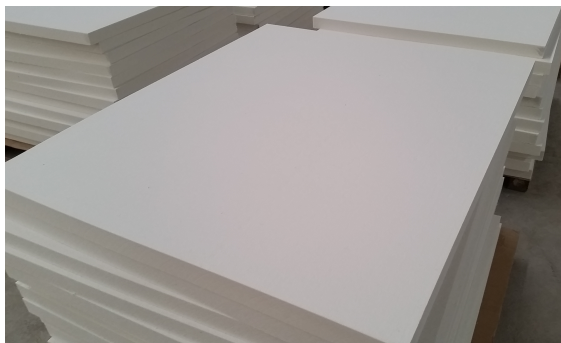
The Product Feature

- 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	1200	1000	6-100	Cartons or Pallet
	1000	600	6-100	

*Thickness, length and width are to be Negotiated



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Typical Application



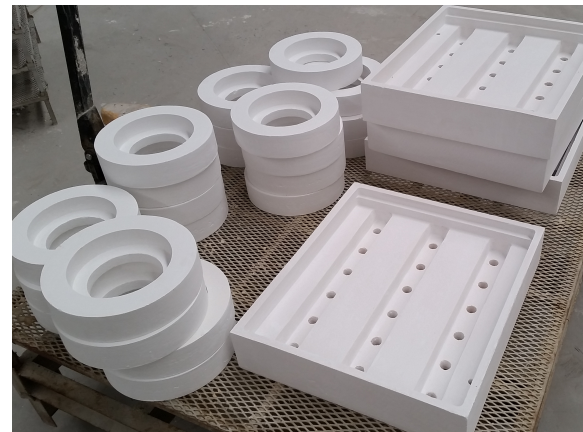
Glass tempering furnace
thermal insulation



Molten aluminum furnace lining
insulationheat insulation



Roller Kiln Backing Insulation



Ceramic fiber special-shaped parts



Melting furnace insulation



Heat treatment furnace insulation