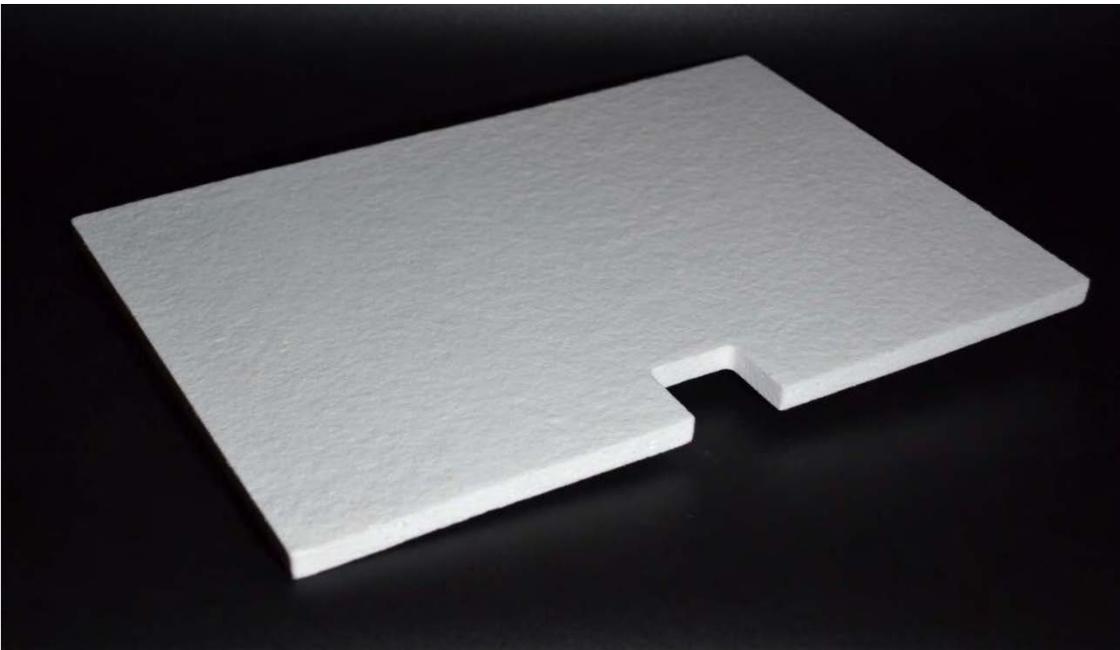


Insulation Panel for Boiler and Heater



Heat Insulation | Sound Absorption | Lightweight | Minimal heat loss

Insulation Panels are made with improved ceramic fiber board for increased mechanical strength and reduced impurities. The panels are especially useful for insulating boilers, water heaters, heaters or combustion chambers, and any heating units (heating elements) of heat shields or gaskets.



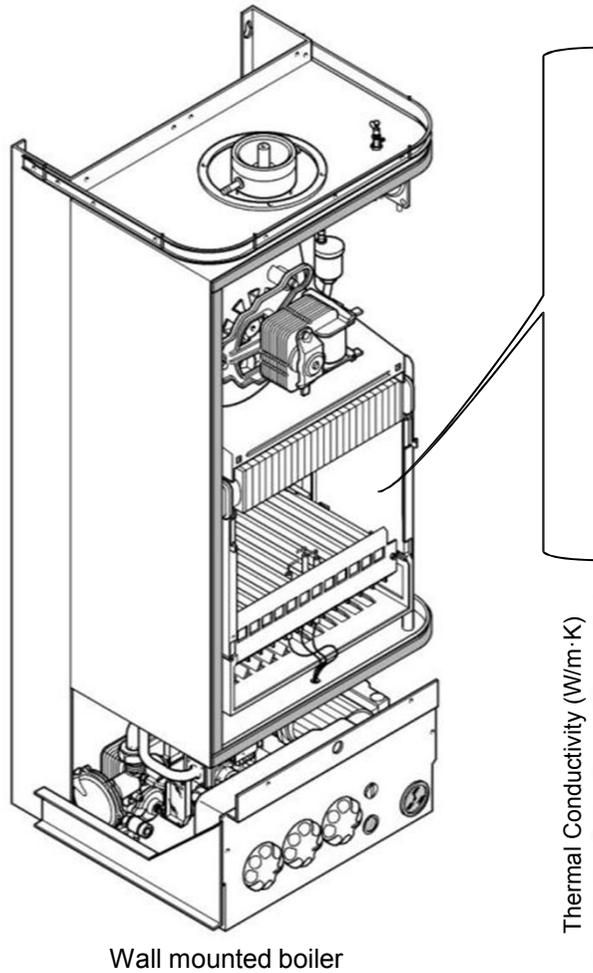
2190°F Temperature Soluble Fiber Panel

Made from alkaline earth silicate fiber wool
Lightweight, heat and acoustic insulation
Exonerated from EU Directive 67/548/EEC
Low thermal conductivity and heat shrinkage

2300°F Temperature Ceramic Fiber Panel

Made from premium alumina silicate wool
Lightweight, heat and acoustic insulation
High temperature thermal shock resistance
Exceptional fiber compressive and flexural strength

Unparalleled Thermal Performance and in Boiler



Bio soluble fiber insulation panel

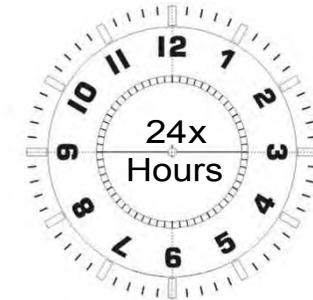
Ceramic fiber insulation panel



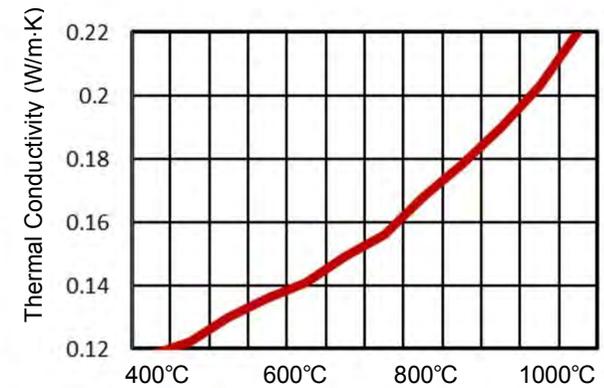
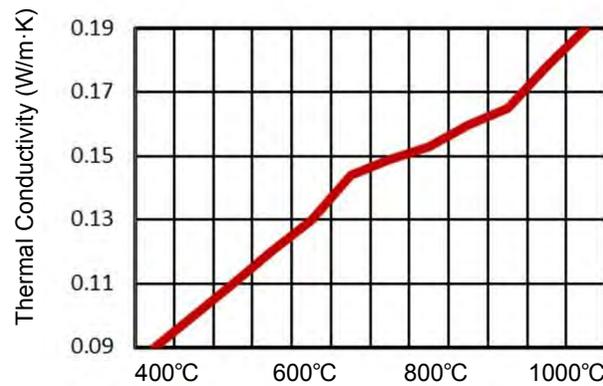
Permanent Linear Shrinkage

1.9%
(1000°C)

2.9%
(1100°C)



Thermal Conductivity Evolution Chart
(320 kg/m³ density, 10 mm thickness)



Data Sheet and Typical Specifications for Insulation Panel

Technical Data Sheet: Ceramic Fiber Insulation Panels

TECHNICAL ITEMS	1260 CERAMIC FIBER	1430 CERAMIC FIBER	1200 SOLUBLE FIBER
Classification Temperature	1260°C (2300 °F)	1430°C (2600 °F)	1200°C (2192 °F)
Working Temperature Limit	1100°C (2012 °F)	1350°C (2462 °F)	1100°C (2012 °F)
Melting Point	1760°C (3200 °F)	1760°C (3200 °F)	1300°C (2372 °F)
Typical Density			
kg/m ³	280-360	280-360	280-360
lb/ft ³	18-22	18-22	18-22
Loss of ignition 1000°C (1832 °F)	5%	4%	5%
Modulus of Rupture (PSI)	73	73	73
Chemical Composition (%)			
Al ₂ O ₃	43-46	35-40	Trace
SiO ₂	53-57	52-56	60-66
MgO	-	-	3-6
CaO	-	-	27-32
ZrO ₂	-	12-15	-

All panels can be supplied as non-machined or machined with both faces highly polished and smoothed.

All panel faces can be treated with water repellent and coated with different colors.

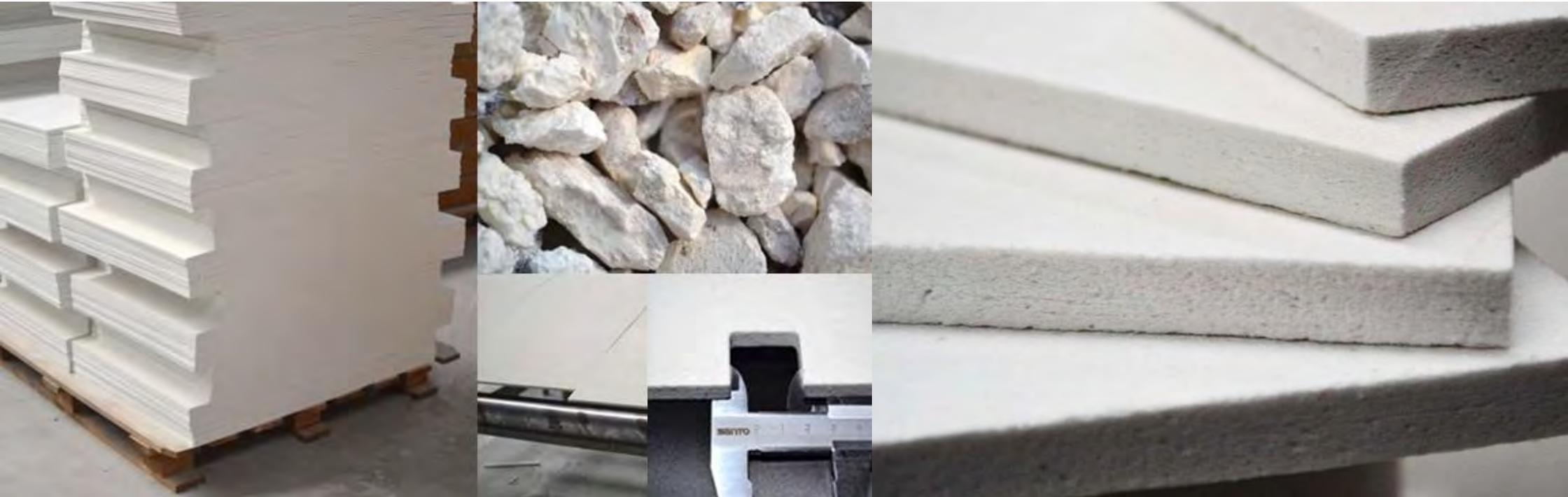
These technical data are typical average values based on commonly accepted test methods and are subject to normal production variation.

Typical Density and Thickness

THICKNESS (mm)	DENSITY (kg/m ³)					
	280	300	320	360	380	400
3	-	-	-	-	-	●
5	-	-	-	-	●	●
6	-	-	-	●	●	●
9	-	●	●	●	●	-
10	●	●	●	●	-	-
13	●	●	●	-	-	-

Customized production is available upon request. Please send your drawing.

Consistent Supply and Professional Production



100% premium raw materials

±1 mm tolerance control

86 dimensions and shapes

Typical Insulation Solutions for Home Appliances



Gas Boilers



Electric Storage Heater



Boilers



Water Heater



Pool & SPA heater



Radiant Heater



Steam Cleaner



Residential Heater

KT Refractories US Company provides



Exceptional heat insulation and energy savings



Competitive prices, great products



Reliable supply
Locally in stock and custom production available

Proud supplier of high temperature insulation materials for these companies and more:



We look forward to partnering with you!