



TECHNICAL DATA SHEET

Ceramic Fibre Insulation Blanket and Strip

FibreCast Ceramic Fibre Insulation Blanket and Strip are a strong, lightweight, flexible needed blanket that is made from spun ceramic fibers. Available in a wide variety of thicknesses, widths and densities, Ceramic Fibre Insulation Blanket and Strip provides an array of proven solutions for a broad spectrum of application problems.



Available Density

kg/m ³	69, 96, 128
(lb/ft ³)	(4, 6, 8)

Chemical Composition*

Al ₂ O ₃	43-47%
SiO ₂	53-57%
ZrO ₂	-
Fe ₂ O ₃	Trace
TiO ₂	Trace
MgO	-
CaO	-
Na ₂ O ₃	<0.5%
Alkali	0.05%
Leachable Chlorides	<10 ppm
Other Inorganics	0.85%

Colour	White
Temperature Grade*	1260°C (2300°F)
Recommended Operating Temperature	2150°F
Melting Point	1760°C (3200°F)
Fibre Diameter	2.4-3.5 microns (mean)
Specific Heat @ 1093°C (2000°F)	1130 J/kg °C (0.27 Btu/lb °F)
Specific Gravity	2.73 g/cm ³
Average Tensile Strength	4 lb/in ² min. @ 4 PCF 6 lb/in ² min. @ 6 PCF 7 lb/in ² min. @ 8 PCF

*This product is available in bio-soluble and other temperature grades.

For more information on Ceramic Fibre Insulation Blanket and Strip, please contact a FibreCast sales representative at (905) 319-1080 or at sales@fibrecast.com.