



Ceramic Fiber Blanket

Application:

Ceramic Fiber Blanket is made of high purity Alumino-Silicate (and Zirconia) fibrous wool.

- Refractory back-up installation
- Direct exposure to heat as furnace hot face lining
- Expansion joint seal
- Fire protection
- General high temperature insulation

Characteristic:

- Needled blanket
- Non-combustible
- Low density and low thermal conductivity
- Shorter heat up and cool down time
- Resilience and resistance to thermal shock
- Flexible and easy to cut or install
- Consist of acoustic properties
- Contain no organic binder
- Asbestos free



Physical and chemical index:

	1600 Blanket			
Classification temperature (°C)	1600			
Melting point (°C)	-			
Colour	White			
Fiber diameter (u m)	3.1			
Fiber length (mm)	~100			
Linear shrinkage(%)				
Shot content (>212 micro meter) (%)				
Chemical composition (%)				
Al ₂ O ₃	47.1	35.0	40.0	72
SiO ₂	52.3	49.7	58.1	28
ZrO ₂		15.0		
Cr ₂ O ₃			1.8	
Bulk density (Kg/m ³)	64 , 96 , 128 , 160			
Available size (mm/roll)	7200*600*6,12.5,20,25,38;3600*600*50			