

# 1260°C 1600°C Thermal Ceramic Blanket Insulation Aluminum Silicate **Ceramic Fiber Blanket**

### **Basic Information** • Place of Origin: Zhengzhou ,China • Brand Name: Rongsheng Xinwei Certification: ISO9001 Model Number: RS1400/1500/1600 • Minimum Order Quantity: 50 Rolls • Price: 10-15USD Packaging Details: Woven Bag or carton package

- Delivery Time:
- Payment Terms:
- Supply Ability:
- 10-20 Days
- TT; L/C
- 25000 Rolls Per Day ceramic fiber blanket

# **Product Specification**

<ul> <li>Chemical Resistance:</li> </ul>	Resistant To Most Acids And Alkalis
Color:	White, Grey, Black, Etc.
<ul> <li>Durability:</li> </ul>	High Durability
<ul> <li>Flexibility:</li> </ul>	Excellent Flexibility
<ul> <li>Insulation:</li> </ul>	Excellent Insulation
<ul> <li>Lightweight:</li> </ul>	Lightweight
<ul> <li>Material:</li> </ul>	Ceramic Fiber
<ul> <li>Non-combustible:</li> </ul>	Non-combustible
• Shape:	Various Shapes Available
• Size:	Customized Size
<ul> <li>Sound Absorption:</li> </ul>	Good Sound Absorption
• Temperature Resistance:	Up To 1260
<ul> <li>Thermal Conductivity:</li> </ul>	Low Thermal Conductivity
• Thermal Shock Resistance:	Excellent Thermal Shock Resistance
Highlight:	1600°C Thermal Ceramic Blanket Insulation,

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# **Product Description**

### Description of Ceramic Fiber Blanket:

Ceramic fiber blanket has regular size, integrates the functions of fire resistance, heat insulation and heat preservation. It does not contain any binder and has excellent chemical stability. It is widely used in the fields of fire resistance, heat insulation and heat preservation in various industries.

## Features of Ceramic Fiber blanket:

- 1. High tensile strength
- 2. Low thermal conductivity and heat storage
- 3. Excellent insulating performance
- 4. Excellent chemical stability

5. Excellent resistance to shock. 6. Good sound absorption

### Applications of of Ceramic Fiber blanket:

1.Steel Industry: Heat treatment and annealing furnaces Furnace door linings and seals Furnace hot face repairs Reheating furnace and ladle covers

2.Refining and Petrochemical: Reformer and pyrolysis lining Tube seals, gaskets and expansion joints High temperature pipe, duct and turbine insulation Crude oil heater linings

3. Power Generation: Boiler Insulation Boiler doors Reusable turbine covers Expansion seals/pipe coverings

4.Others: Insulation of commercial dryers and ovens Veneer over existing refractory Stress relieving insulation Glass furnace crown insulation Fire protection

Technical Parameter of Ceramic Fiber Blanket:

Classification temperature	1140	1260		1400	
Grade	XT114	XT126-A	XT126-B	XT140-A	
Permanent linear change %	≤-3	≤-3	≤-3	≤-3	
×24h	950	1000	1100	1200	
Thermal Conductivity W/(m·K)500					
Tensile Strength MPa 25mm thickness	0.04	C	).05	0.04	
Bulk density kg/m <sup>3</sup>					
Al <sub>2</sub> O <sub>3</sub> %	≥44	≥45	≥45	≥52	
SiO <sub>2</sub> %	≥52	≥52	≥54	≥46	
ZrO <sub>2</sub> %	/	/	/	/	
Fe <sub>2</sub> O <sub>3</sub> %	≤1.0	≤0.8	≤0.2	≤0.2	
Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> %	≥96	≥97	≥99	≥99	
Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> +ZrO <sub>2</sub> %	/	/	/	/	
Size		0			

٩ Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd

K +86-18538509097 S Jackyhan2023@outlook.com B bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China