

High Temperature Ceramic Insulation Board Silicate Aluminum Refractory Insulation Board

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: Mechanism board, Fire baffle
- Minimum Order Quantity: 50 Pieces
- Price: 10-15USD
- Packaging Details: 1.Standard export packaging; 2.According to customer's requirements;
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 80 Metric Ton/Metric Tons per Day Ceramic Fiber Board



Product Specification

- Acid Resistance: Excellent
- Alkali Resistance: Excellent
- Chemical Composition: Al_2O_3 , SiO_2 , MgO , CaO , Fe_2O_3 , Etc.
- Color: White
- Compressive Strength: $\geq 0.8\text{Mpa}$
- Density: $128-160\text{kg/m}^3$
- Material: Ceramic Fiber
- Melting Point: 1430
- Moisture Content: $\leq 1.5\%$
- Tensile Strength: $\geq 0.2\text{Mpa}$
- Thermal Conductivity: $0.09-0.17\text{W/m.K}$
- Thermal Expansion: $0.7-1.2 \times 10^{-6}/K$
- Working Temperature: 1000-1430
- Highlight: High Temperature Ceramic Insulation Board, Ceramic Insulation Board Silicate Aluminum, High Temperature Refractory Insulation Board

Product Description

Description of Hot Selling High Temperature Ceramic Fiber Board Thermal Insulation Silicate Aluminum Firber Board

Rongsheng ceramic fiber boards are high performance insulation products manufactured from ceramic fiber (or with alumina fiber) and binders, with unique shot removing and vacuum forming process, provide excellent high temperature stability, extra low thermal conductivity, high compressive strength. In addition to the fine performance of corresponding bulk celluocotton, the texture of the board is hard, with the excellent toughness and strength, as well as excellent ability to resist wind erosion. Not expansive when heating, light weight, convenient for construction, can be arbitrary shear and bending, they are perfect materials for furnace, piping and other insulated equipments.

Product Advantages:

Low heat storage and low thermal conductivity;
High compression strength;
Non-fragile materials and good toughness;
Accurate dimension and good paleness;
structure homogeneity and easy machining;

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Easy to install
Continual production, even fiber with stable property;
Excellent heat stability and thermal shock resistance

Application:

Cement building industry, kiln back lining-thermal insulation;
Ceramic industry-lining of various kilns for thermal insulation;
Petrochemical and metallurgy industries- back linings, wall linings, and ling thermal insulation;
Glass kiln lining and back lining thermal insulation;
Heat treatment furnace kiln back lining thermal insulation;
Aluminum factories-reduction cell firebricks back linings;
High temperature reaction, heating device-wall lining and back linings

Parameter of Hot Selling High Temperature Ceramic Fiber Board Thermal Insulation Silicate Aluminum Firber Board

Item	Index					Fire
	Die plate	Mechanism board				
Classification temperature	1260	1260		1400		1260
Brand	XB126M	XB126A	XB126B	XB140A	XB140B	XB126D
Permanent Linear Change Rate % ×24h	≤-4 1000	≤-3 1000	≤-3 1100	≤-3 1200	≤-3 1350	≤-3 1100
Thermal Conductivity W/(m·K) 500	≤0.135					
Moisture content %	≤1.5					
Organic content %	≤5					
Bulk density kg/m ³	400	300				300
Size mm	Die plate 900×600×25/30 Other 900×600×25/50					
Characteristic	XB126M has low heat capacity and low thermal conductivity; XB126A is non-brittle and has good tough resistant to wind erosion and has a long service life; XB140A has good thermal stability; XB140B is rigid a					



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