

High-Performance Calcium Silicate Board For Thermal Insulation Solutions

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 500 Pieces
- Price: US\$ 3.8-40/Piece
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

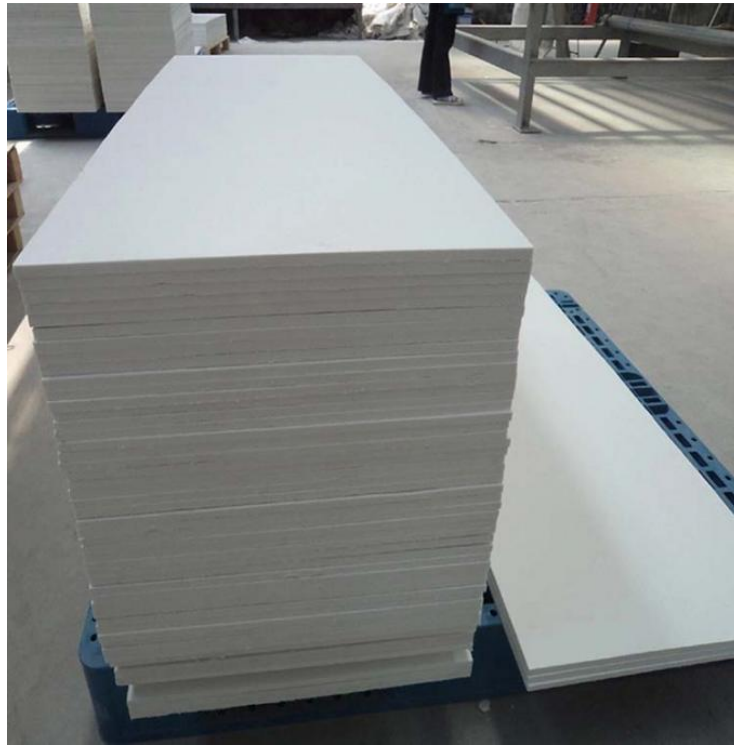
- Highlight: Thermal Insulation Calcium Silicate Board, Thermal Insulation Solutions Calcium Silicate Board, High Performance Calcium Silicate Board

Product Description

High-Performance Calcium Silicate Board for Thermal Insulation Solutions

Are you in search of a durable, reliable, and efficient insulation material for your high-temperature industrial applications? Our calcium silicate boards are specially designed to meet the demands of various industries, providing top-tier thermal insulation, structural integrity, and long-term performance.

Our Product Introduction



Superior Quality Calcium Silicate Board

Our calcium silicate boards are made from a unique combination of high-purity lime, silica, and reinforcing fibers. This composition results in an extremely robust and lightweight insulation material capable of withstanding high temperatures, making it ideal for a wide range of industrial uses.

Key Features:

Excellent Thermal Insulation: Calcium silicate boards have a low thermal conductivity, making them highly effective in preventing heat loss, especially in environments where energy efficiency is paramount.
High-Temperature Resistance: Able to endure temperatures up to 1000°C, these boards perform well under intense heat, providing excellent protection in furnaces, kilns, and other high-heat applications.
Moisture and Chemical Resistance: With remarkable resistance to moisture, acids, and chemicals, calcium silicate boards maintain their integrity in challenging environments, offering longevity and durability.
Lightweight and Easy to Handle: Despite their strength, our boards are lightweight, making them easy to install, transport, and shape for custom applications.
Fireproof and Safe: As a non-combustible material, calcium silicate ensures a safe working environment by significantly reducing fire risks.

Wide Range of Applications

Calcium silicate boards are widely used in industries requiring high-temperature insulation and structural strength. These industries include:

Iron and Steel Production: Ideal for lining furnaces, ladles, and torpedo cars, our calcium silicate boards provide thermal protection and energy savings.

Cement and Lime Kilns: Used in rotary kilns and preheater towers, these boards minimize heat loss and increase process efficiency.

Petrochemical Plants: Perfect for insulation in reactors, boilers, and piping systems in petrochemical industries, calcium silicate boards help enhance thermal performance.

Power Plants: Whether for power generation boilers or other high-temperature zones, these boards offer excellent insulation, helping to increase energy efficiency.

Glass and Ceramic Manufacturing: In glass melting furnaces and ceramic kilns, calcium silicate boards ensure optimal heat retention, contributing to higher production efficiency.

Product Specification of Lightweight Calcium Silicate Board

Calcium Silicate Products	RS-CS650	R
Density(KG/M3)	170/220/280	1:
Compressive strength(MPa)	≥0.35	
Thermal conductivity (average temperature 70) W/m.k	0.052	
Maximum temperature()	650	
Linear shrinkage(%)	≤2(650,3hrs)	≤2

It can be processed into a shell and tube or curved panels according to customer requirements.



Why Choose Us?

With years of expertise in the refractory materials industry, we offer high-quality calcium silicate boards that meet international standards. Our products are customized to fit your specific requirements, ensuring top-tier performance and value. Here's why our calcium silicate boards are the preferred choice for industries worldwide:

Customizable Specifications: Available in a range of thicknesses and sizes, our boards can be tailored to suit your exact project needs.

Competitive Pricing: We provide cost-effective solutions without compromising on quality, helping you achieve high-performance insulation at affordable prices.

Reliable Technical Support: Our experienced team is available to offer technical advice and support, ensuring the best insulation solution for your application.

Fast Global Delivery: We serve clients in over 100 countries, ensuring quick and efficient delivery to meet your project deadlines.

Get in Touch with Us

Take advantage of our high-quality calcium silicate boards to enhance your industrial insulation projects. Our experts are here to guide you in selecting the right product for your specific needs.

For inquiries, please contact us:

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