

White Nano Insulation Material RS500 A1 Nano Insulation Coating

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rs500
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Color: White
- Elongation: $\geq 200\%$
- Fireproof Grade: A1
- Flexibility: Yes
- Length: 10m
- Material: Nano Insulation Material
- Moisture Resistance: $\leq 2\%$
- Sound Insulation: 35dB
- Temperature Resistance: 200
- Tensile Strength: $\geq 2.5\text{MPa}$
- Thermal Conductivity: 0.033W/mK
- Thickness: 2mm
- Waterproof: Yes
- Weight: 2kg/m^2
- Width: 1m

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Product Description

Description of RS500 internal Insulating Coating:

The RS500 insulating coating is a special coating developed by Rongsheng according to the special working environment which can be safely used at 500c for a long time. It is suitable for painting the surface of many industries with different working conditions and various substrates and has many advantages such as fire retardant, anti-corrosion, acid resistance, alkali resistance, insulation protection, etc.

The coating uses the latest nano technology to reduce the heat loss rate up to 60% and even more. After the coating is completely cured, it forms a coating with ultra-low thermal conductivity, thus achieving the effect of reducing heat loss at work. The product is composed of high-temperature adhesive, high-temperature nano-insulation materials, various high-temperature fillers and special additives, which can work in the environment below 500 for a long time to insulate and keep heat for equipment and reduce heat loss. The coating is used for heat insulation and heat preservation, and the coating can reduce heat loss by 60% after coating compared with no coating.

This coating can effectively prevent the erosion of acidic and alkaline gases when applied to the interior walls of kilns such as cement kilns and sulfuric acid boiling furnaces.

Compared with other products,Rongsheng insulating coating has the following advantages:

(1) It can be used up to 500 , has high strength and will not separate from the metal material.

(2)The coating can be applied directly to the metal surface, requiring only simple rust removal and no other treatment operations.

(3)The coating can be applied to all inorganic materials such as metal, brick, concrete, wood, fiberglass. he coating is non-combustible and has a Class A fire rating.

No harmful substances, VOC and other components, construction and use process will not cause harm to human body.

Parameters of RS500 internal Insulating Coating:

Item	Index
Main Components	Nano materials,silicate compounds
Coating Thickness	1mm~5mm
Adhesion Strength	8Mpa
Construction Method	Spraying,Brushing Rolling
TC	0.35W/m ·K
Reflectance Rate	0.85
Fire Protection Level	Class A, incombustible
Construction Temperature	15 ~60
Package	20L/Bucket
Comprehensive Density	600kg/m3
Acid Resistance	Good
Water Resistance	Avoid Long-term Immersion In Water
Hardness of Dry Coating Film	Mohs Hardness 6H



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