

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Inorganic Fiber Spraying Material



1.Description of Inorganic Fiber Spraying Material: inorganic fiber spraying technology is composed of spraying special mineral fiber, special inorganic material and other raw materials, which are sprayed on the surface of building and other substrate by a complete set of special spraying equipment, forming a seamless and airtight hard inorganic fiber spraying layer with certain strength and thickness, The product does not contain asbestos and fiberglass. After special chemical treatment, it has the characteristics of excellent fire protection, shockproof and insect proof. It is a real green environmental protection product.

2.Main performance of Inorganic Fiber Spraying Material

1)Fire resistance and flame retardant: the product has been specially treated with chemical treatment, with high fire retardant effect and effective sealing material, so that the fire performance does not decay with the passage of time, and the service life is long. After determination, the product does not burn and smoke, and the fire rating is A1.

2)Thermal insulation: the product is a high thermal insulation material, with a thermal conductivity of 0.035w/m. K. after spraying, it forms a sealed and seamless whole, which fundamentally solves the problems of the traditional thermal insulation material, such as many joints, easy to fall off, and poor bonding with the whole, and greatly improves the thermal insulation effect of the building structure.

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3)Sound insulation and absorption: after special process construction, the internal fibers are interwoven to form a three-dimensional mesh structure with certain strength and toughness, which effectively blocks the transmission of sound. The experiment shows that the sound insulation effect is very significant.

4)Good adhesion, not easy to fall off

5)In the high temperature fire field, the thickness has no obvious change, the coating does not melt, does not fall off, and can make the protected component reach the fire resistance limit of more than 5h

6)Good weather resistance: able to withstand the change of temperature difference between day and night, grade IV temperature difference and the invasion of ultraviolet

7)Product specification: professional equipment construction, simple operation, one equipment only needs 2-3 workers, can complete 300-500 square meters of work every day on average.

3.Application field

1) Basement ceiling insulation

2) Insulation and sound insulation of equipment room and elevator shaft

3) Heat preservation and sound insulation of gymnasium, museum, library and swimming pool

4) Theater, church, concert hall, conference hall insulation

5) Tunnel, subway insulation

4.Brushing amount: 4-5kg / m², brushing thickness: 10 mm. For reference.

5.Construction process: preparation before construction → finished product protection → base surface treatment → even mixing → spraying construction → surface finishing → site cleaning → quality acceptance → coating maintenance

6. Main performance indexes of the product

ITEM		TECHNICAL INDEX
Adiabatic coefficient	w/m. k	0. 040
RWdB	30mm, NRC	≥0. 75
Sound insulation	30mm, db	≥43
Combustion performance		A1 grade
Bond strength	Kpa	≥25

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Mildew	NO
Acid and alkali resistance	No cracking and falling off after 360h
Freezing tolerance	No cracking after 15 tests
Impact resistance	No cracking and falling off

7, Construction Icon



8, Picture of spraying machine



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9. Good feedback of product use effect, the products have been exported to Russia, Australia, Oman

10. We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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