



Product features

1 Outdoor ultra-thin steel structure fireproof coating Product characteristics

The Indoor thick steel fireproof coating, its performance index is better than GB14907-2018 standard requirements.

-The first fireproof coating product in China that has passed China Environmental Labeling Product Certification.

It adopts non-toxic, tasteless and harmless inorganic raw materials, and does not release harmful gases during construction, use and fire, and does not produce smoke in the case of fire. Early production time, mature technology, advanced technology, reasonable formula. The coating has good adhesion and anti-cracking properties. It can be widely used in the fire protection of various steel structures such as high-grade office buildings, apartments and key projects.

Product information

Basic ingredients: expanded vermiculite, high-strength binder, anion fiber, high-temperature resistant materials, insulation materials and other composite materials made of drying agents, does not contain asbestos, A awake and stupid and other volatile harmful substances.

The grass-roots treatment and construction methods.

1. substrate treatment: before construction, remove the dust, oil and rust on the steel parts thoroughly, and then brush the anti-rust primer on the treated steel parts.

(1) When the width of 300mm or less fireproof coating construction, fireproof coating construction can be carried out directly.

(2) When fireproof coating construction is carried out for members with a width of 300mm-800mm, the base material should be brushed before fireproof coating construction.

(3) When fireproof coating construction is carried out for members with a width of more than 800mm, the fireproof coating needs to be treated with netting. 2.

2. Fireproof coating construction: It can be applied manually by trowel or sprayed mechanically.

(1) Ratio of coating: powder: adhesive: water = 3:1:0.8-1.2

(2) Mixing of paint: Add the weighed powder, glue and water into the mixer, and mix it fully for 5-8 minutes.

(3) spraying construction: spraying gun should be perpendicular to the surface of the steel parts to be sprayed, the distance to 40-60cm is appropriate, spraying air pressure should be maintained at 0.4-0.6Mpa the first layer of spraying thickness 4-5mm, after each layer thickness to 6-8mm is appropriate, until the required thickness. To the first layer of surface drying before spraying the second layer.

(4) smear construction; will mix the material manually smear, smear the thickness of



each coating less than 10mm is appropriate.

Performance index

-Fireproof performance: in line with: GB14907-2018 "steel structure fireproof coating" standard.

Storage and transportation

-Store in a dry and ventilated warehouse at a temperature of 0 C or above, protected from sunlight.

-Six months shelf life. Packaging, storage and transportation should be protected from rain and moisture.

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