



Product features

- The Tunnel fireproof coating is developed by our company and can be applied to the concrete surface of industrial and civil buildings, highways, railroads (including subway) tunnels, etc. It can form a fire-resistant thermal insulation protective layer when exposed to fire to improve the fire resistance limit of the structure.

-The product is non-toxic, tasteless, non-hazardous, and has excellent fireproof performance, and is a dual function coating of environmental protection and fireproof.

Product information

-Basic composition.

Expanded vermiculite, high-strength binder, anion fiber, high-temperature resistant material, insulation material dryer and other composite raw materials made of

It does not contain asbestos, methyl cheese, stupid and other volatile harmful substances.

The grass-roots treatment and construction methods:

1. Before construction, the concrete surface should be dusted and decontaminated. If the concrete surface is too smooth, it can be treated by brushing and other measures on its surface.

2. Base layer construction Ratio: coating powder: matching rubber = 2:1, accurately weigh the powder, rubber and the right amount of water, add the mixer and mix for more than 10min (make sure the mixing time, the coating should be used along with), into a thick slurry; use a self-weighting spray gun to spray, the thickness of the coating 2-3mm to make it form a rough surface, then you can carry out layered construction.

3. After the bottom layer is basically dry (7~8% dry), carry out the layering construction.

(1) ratio: paint powder: rubber = 4:1, accurate weighing of powder, rubber and the right amount of water, added to the mixer for more than 10min, into a thick paste.

(2) spraying with a sprayer (self-weighting gun or squeeze pump) from the waist of the tunnel to the top (from the bottom up), spraying 3-6mm thick each time.

(3) after the first spraying is basically dry, continue spraying second time, and so on, until spraying to the design thickness. The last time should not be too thick, the paint should be compacted and calendered.

(4) surface decoration: if the construction of spraying, the appearance of the coating is uniform granular surface, but also sound-absorbing function, generally not smoothing.

If smoothing is required, it should be done after the last spraying. When there are surface decoration requirements, the fireproof coating surface can be sprayed (brush) coated with other decorative coatings.



Performance index

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

Storage and transportation

-The product should be stored in a dry and ventilated warehouse with the temperature above 0° and protected from sunlight exposure.

The Shelf life of six months. Packaging and transportation should be rainproof, moisture-proof.

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