Cool Index T800

Heat Reflecting Insulation Waterproof Coating

Product Description

This product is made from imported heat-reflective materials and polymer emulsions through self-crosslinking chemical reactions. After film formation, the coating has high heat reflection performance and possesses advantages such as waterproofing, weather resistance, and dirt resistance. It can effectively reduce the surface temperature of roofs and is suitable for various waterproof and energy-saving construction projects. It is a new type of material that combines waterproofing, heat insulation, and reflection.

Where To Use

- Roofs
- Industrial facilities: factories, warehouses, exhibition halls
- Energy-Efficiency projects: commercial/industrial building retrofits

Packing

5kg/pail，20kg/pail

Precautions

- The on-site construction temperature should be controlled between 5° C and 45° C.
- Disclaimer: The use of this product beyond the manufacturer's control is at the user's own risk. Our company only assumes responsibility for replacing defective products and does not accept liability for losses caused by incorrect usage.

Product Features

- The coating is UV-resistant and has excellent weather resistance, and can maintain excellent performance in various environments;
- Excellent solar reflectance, slowing down the aging process and effectively extending the service life of waterproofing;
- Good heat insulation, sun protection and cooling effects, effectively reducing the surface temperature of the base layer under hot climate conditions, reducing indoor cooling energy consumption, and saving energy and reducing carbon;
- Excellent stain resistance, can keep the coating clean and maintain a high solar reflectance;
- Significant temperature reduction: It has excellent heat insulation and cooling effects, and even after being exposed to high temperatures, the coating surface remains cool to the touch.
- Strong waterproof performance: The coating is tough and water-resistant, effectively providing waterproofing and leakage prevention.

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Application Procedures

- Preparation: Check the condition of the substrate, repair any holes, depressions, voids, and cracks on the surface. Remove oil, debris, and floating dust from the substrate, and keep the surface dry and clean.
- Primer application: Mix and stir the coating and water in a ratio of approximately 1:0.2, then apply the primer after thorough mixing.
- Topcoat application: Depending on the project requirements or sample specifications, brush, spray, or roller application can be chosen, and at least two coats are needed for application.

Technical Specification

Standard: GB/T 25261-2018

NO.	Test items	Standard requirements	Test result
1	Workability	Smooth application	Qualified
2	Tensile strength/MPa ⩾	1.0	Qualified
3	Elongation retention rate at break/% ⩾	80	Qualified
4	Surface drying time⩽	2	Qualified
5	Low temperature stability (three cycles)	No degradation	Qualified
6	Low temperature flexibility	0℃, no cracking	Qualified
7	Bond strength	0.4	Qualified
8	Alkali resistance (48h)	No defect	Qualified
9	Water resistance (96h)	No defect	Qualified
10	Temperature resistance (three cycles)	No defect	Qualified

CKS Global Building Materials Service Provider

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