

METAL ROOFING WATERPROOF COATING



Packing

Metal roofing waterproof coating is available in 30kg/pail.

Reference dosage

Under normal conditions, when the thickness of the waterproof layer coating is 1.0mm, the recommended dosage is 2.3-2.5kg/ m² (the actual dosage depends on the base condition and coating thickness).

Description

Metal roof waterproof coating is a one component water-based waterproof coating made of acrylate copolymer lotion as the matrix, high-quality pigments, fillers and selected functional additives.

Usage

Metal roof waterproofing project.

Advantages

- Excellent high tensile strength, high bonding strength, large elongation, and perfect fracture resistance.
- Perfect low temperature flexibility : Flexible at low temperature, no fracture when temperature at -30°C/180 degree.

- Good aging resistance: outstanding outdoor durability and ultraviolet resistance.
- Corrosion resistance: Highly resistant to acid and alkali, restraining mustiness and algae growth.
- Perfect breath ability, no bubbling, non-scale, no hydrops.

Application

- The metal roof base requires rust removal and degreasing treatment, the surface is clean, and the metal plate interfaces and detailed nodes should be treated with an additional layer. The additional layer method is: firstly fabric and secondly application. The additional base material should be (30-50) g/ m² polyester fiber non-woven fabric.
- Acrylic waterproof coating can be applied on large surfaces by roller brushing or mechanical spraying. The coating should be applied or sprayed in layers, and the coating should be even. The coating should be applied after the previous coating is dry and film-forming (no stickiness when touched). The coating direction should be changed alternately with each application, and the overlap width of the same layer of coating should be 30~50mm.

- The joint width of the paint waterproof layer should not be less than 100mm, and the joint surface should be cleaned before coating.



Limitation

- Not subject to any traffic and must be protected by protective screed or polystyrene board.
- Do not apply with high consumption than recommended amount.

Safety precautions

We recommend the use of protective gloves during application. If there is contact with eyes and skin, wash immediately with plenty of water. Seek medical assistance immediately.

Technical Index

Standard: JG/T 375-2012

No.	Items		Index
1	Solid content/%		≥65
2	Non-treated tensile strength/MPa		≥1.5
3	Elongation at break without treatment/%		≥150
4	Tear strength/(N/mm)		≥12
5	Water absorption/%		≤15
6	Impermeability		0.3 MPa, 30 min impermeable
7	Heat resistance		90°C, 5h without blistering, peeling, cracks
8	Low temperature bendability		-30°C, 1h no crack, and not detached from the substrate
9	Peel Bonding/(N/mm)		≥0.30
10	Heat treatment	Tensile strength retention/%	≥80
		Elongation at break/%	≥100
11	Soaking treatment	Tensile strength retention/%	≥80
		Elongation at break/%	≥100
12	Artificial climate aging treatment	Tensile strength retention/%	≥80
		Elongation at break/%	≥100

Technical support

For more information, alternative applications or alternative proposals, please contact our Technical Department at the email address below.

Cleaning

Clean all tools and equipment immediately with water after application.

Storage and transportation

- **Transportation:** This product is a non-flammable and non-explosive material and can be transported as general cargo. During transportation, it should be protected from freezing, rain, exposure, squeezing, and collision, and the packaging should be kept intact.
- **Storage:** The product should be stored in a ventilated, dry place, away from direct sunlight, at a storage temperature of 5° C~40° C, and stacked in three layers at most. Under normal storage and transportation conditions, the shelf life of sealed packaging is 6 months.

Contact us

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*We hope that the information contained herein will be of your assistance. Please follow the instructions in the information before proceeding, and we cannot accept any liability for damage caused by incorrect use. If you require assistance during the process, please contact our service personnel via the contact details above.