
Acrylic Waterproofing Rubber Coating

Sinomaco Acrylic Waterproof Coating is a synthetic one component waterproof emulsion with high performance, which is produced with modified acrylate multi-polymers raw materials, and added with a variety of additives and fillers. All these materials are formulated and optimized by our engineers strictly and they are produced and inspected with rigid process.

Product Feature

1. Environmental friendly coating. Sinomaco polymer acrylic waterproof coating is a pollution-free and environment-friendly waterproof coating with water as its medium. It is free of any danger as fire and poisoning during production, storage, transportation and construction because the raw materials and additives are non-toxic and solvent-free.
2. Excellent weather, acid and alkali resistance. The test indicate that polymer acrylic waterproof coating is the best among all waterproof coating because it is excellent in light resistance, UV resistance, high temperature resistance, aging resistance and excellent weather, acid and alkali resistance
3. High solid content. It is easy to form a thick coating layer with a single brush and the coating layer is good performance in flexible, cold-resistant, heat-resistant, and it can be used for more than 20 years.
4. Easy to be constructed. The coating layer has good mold resistance, high strength, good elasticity, and it forms a rigid and flexible waterproof system bond to the base layer which can adapt to a variety of ground vibration and deformation of the building structure.
5. Good resistance to freezing and thawing. It is good to weather change which means there is no air bubbles and flow or dipping at high temperatures and no cracks with good flexibility and strong adhesion during low temperature. Its bonding strength is high with concrete and oily base membranes such as bitumen, linoleum, and PVC membranes.
6. Flexible market suitability, It can be produced in a variety of colors which can be used as decorative materials for ornamental use with beautiful appearance. Various colors are available as per customers demand.

Application Scope

1. Applicable to waterproof, impermeable and moisture-proof projects for flat roofs and slope roofs of civil buildings.
2. Applicable to waterproofing, seepage prevention and moisture-proof projects in tunnels, bridges, and subways.
3. Suitable waterproof, impermeable and moisture-proof areas like kitchen, bathrooms, balconies, flower beds, terraces, pools, etc.

Dosage recommended

Recommend thickness of the coating film is above 1.5mm, and the interval between each coating is 2-12h (depending on the weather conditions). 1-2 layers of glass fiber cloth or other carcass materials can be added in the middle of the coating.

Generally 1.5-2 kg/sqm.

Packaging, storage and transportation

This product is packaged in airtight barrels or pails, the storage temperature should not be lower than 0°C, and the storage period is more than nine months.

This product is non-toxic, non-flammable, non-corrosive, and can be transported as ordinary goods.

Note:

1. It is not suitable for construction when the temperature is lower than 5°C.
2. Construction is prohibited on rainy and snowy days.

Technical Data Sheet

Technical Data Sheet (TDS)				
S/N	Item		Index	
			I	II
1	Tensile Strength		≥ 1.0 Mpa	≥ 1.5 Mp
2	Elongation at break		≥ 300%	≥ 300 %
3	Low temperature flexibility at bending 180 °around ø10mm rod		-10°C, No crack	-20°C, No crack
4	Watertightness 0.3Mpa, 0.5h		Impermeable	
5	Solid content		≥ 65%	
6	Drying time	Surface drying time	≤ 4 hrs	
		Drying time	≤ 8 hrs	
7	Tensile Strength	Retention rate after heat treatment	≥ 80 %	
		Retention rate after alkali treatment	≥ 60 %	
		Retention rate after acid treatment	≥ 40%	
		Artificial weathering treatment	-	≥ 80-150 %
8	Elongation at break	Retention rate after heat treatment	≥ 200%	
		Retention after alkali treatment		
		Retention after acid treatment		
		Artificial weathering treatment	-	≥ 200%
9	Heat expansion rate	Elongation	≤ 1.0%	
		Shorten	≤ 1.0%	
Only for exterior use with best anti UV performance				

Product link : <https://www.sinomaco.com/?p=1243>