ALL IN ONE WATER-BASED WATERPROOFING

One-component rooftop waterproofing

ALL IN ONE WATER-BASED WATERPROOFING is a practical elastic waterproofing coating formulated with a special-structure 100% acrylic emulsion resin. It provides full performance without the need for a separate primer or topcoat.
Thanks to weather-resistance properties of the 100% acrylic resin and its climate-responsive design technology, the coating maintains flexibility in both summer and winter, while offering excellent adhesion to existing coatings. It forms a waterproof membrane that helps prevent cracking caused by substrate shrinkage and expansion due to temperature variations, making it suitable for waterproofing rooftops and roofs of concrete buildings and structures.

Usage	For waterproofing of roofs and rooftops of new or aged concrete buildings

Specification

Paint type	Special-structure elastic emulsion / Water-based exterior			
Drying time	Category	10 ℃	20 ℃	30 ℃
	Re-coating (min.)	12 hours	8 hours	6 hours
Thinner	1) For primer use: dilute 1:1 with water (by volume) 2) For intermediate coat/topcoat use: apply undiluted (less than 5% tap water if necessary)	Coating Method	Brush, roller, spray coating	
		Gloss	Low glossy	
Specific gravity	1.16	Solid volume ratio	Approx. 46% (based on gray color)	
Theoretical Coverage	0.4㎡/kg	Thickness of dried film	1mm (4coats recommended)	
Re-coating interval	20℃, sufficient ventilation for a minimum of 3 hours	Color	Gray, Green	
Storage and preservation	12 months (Dry, cool, and dark place with good ventilation, room temperature 5℃~30℃, humidity less than 80%)			

Product Properties (Physical Property Data)

Excellent waterproofing performance	Maintains flexibility even in winter as well as summer, and provides excellent adhesion, resulting in improved crack resistance.
Easy application	As a single-component water-based system, it requires no separate primer or topcoat, offering easy and convenient application.
Weather resistance	Its 100% acrylic formulation provides outstanding weather resistance and ultraviolet resistance.

How to Use

Surface treatment	1. The substrate must be sufficiently cured (at least 30 days at 20 °C). 2. Completely remove laitance, dust, oil, and other contaminants from the surface. 3. TThe substrate should have a pH of 9 or lower and a moisture content of 6% or less. 4. Fill gaps and grooves with elastic putty, then adjust the surface before coating.
Coating method	1. Apply a primer coat by diluting the product with water at a 1:1 ratio (by volume) and coating the substrate. 2. After the primer has dried for at least 8 hours at 20 °C, apply 3–4 coats using a brush, roller, or spray to achieve a dry film thickness of 1000 µm. 3. The re-coating interval is a minimum of 8 hours at 20 °C. 4. If applied too thickly in a single coat, cracking or delayed drying may occur; therefore, ensure sufficient drying between coats.