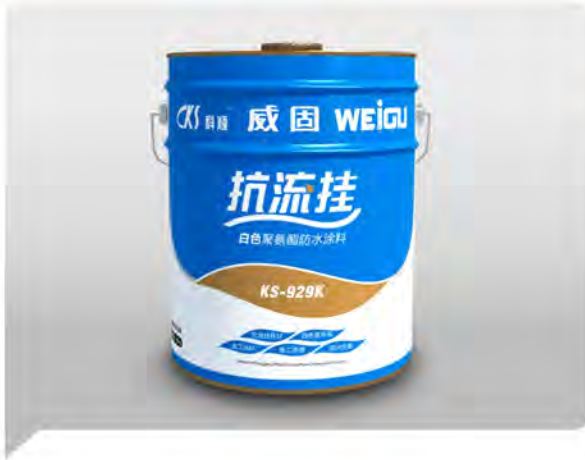


## AQUACOAT KS-929K

ANTI-SAGGING ONE COMPONENT POLYURETHANE WATERPROOF COATING



### DESCRIPTION

Aquacoat KS-929K one-component polyurethane waterproof coating is based on isocyanate and polyether polyol, matched with a variety of additives and fillers through addition polymerization, the NCO end groups in polyurethane prepolymer react with the moisture in the air or substrate to cure. KS-929K anti-sagging single-component polyurethane waterproof coating developed by our company have rheological property through the adjustment and modification of the formula. The coating will not flow or sag when applied on the facade.

### PRODUCT FEATURE

- White coating, whether black tar and brown liquid carcinogenic substances such as coumarone is added can be visually identified.
- Strong anti-sagging property, effectively guarantee the vertical coating quality, once brushing is between 0.5-0.8mm.
- Stable product performance, polyurethane coating itself has excellent anti-aging, acid, and alkali resistance as well as high and low temperature resistance performance.
- Single-component packaging, ready to use, which avoids the quality instability caused by wrong proportion of two or more components.
- Environmental protection: In line with requirements of JC1066-2008 building waterproof coatings have material limitations.

### MAIN APPLICATION

- For non-exposed roof, below-ground waterproof projects, kitchen, bathroom, non-potable water projects, especially ideal for walls.

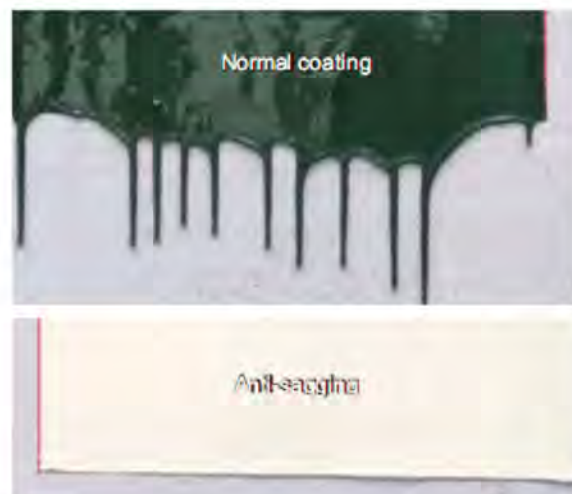
### INSTALLATION

**Construction process:** Preparation before construction→ substrate cleaning→detailing treatment→construction in large areas(coating scraping should reach the designed requirement)→acceptation.

**Substrate requirements:** The substrate should be dry, clean, flat, solid and defects should be repaired first.

**Partial treatment:** The internal and external corner should be made into arc or obtuse angle, set an additional coating layer at the internal and external angle and pipe bottom (built-in non-woven fabric for reinforced treatment as "one fabric three times of coating). When brushing, make the fabric is saturated and completely covered by the coating with no fabric exposed. The thickness of the top coating should not be less than 1.0mm.

**Scraping construction:** Scraping the coating on the substrate evenly by using a scraper, and the thickness of every coating should be controlled between 0.5- 0.8 mm. The previous coating should not be sticky until the next coating. And every scraping coating should be vertical to each other.



## SUPPLY

### Usage

1.3~1.5kg/m<sup>2</sup> for 1mm-thickness film. The recommend thickness is 1.5mm to 2mm. 2 to 3 coats depend on the requirement of design, 0.5 to 0.8mm thickness per coat.

### Packaging

25kg/pail

## SHELF LIFE

Do not store product exposed to weather and sun. When kept in a cool, dry and protect area, sealed pail has a 6-months shelf life after the date of production.

## ATTENTION

- Run it out after open, the using time is within 30 minutes. Long-term storage will cause the forming of a thin film in the surface. Remove this when application. It will not cause ineffectiveness.
- Before the coating is cured, walking above the waterproof layer is prohibited. Avoid damaging the waterproof layer by heavy and sharp objects.
- Keep the construction site well ventilated. The operator should wear protective equipment such as safety helmet, gloves and working shoes in case of the skin and eyes irritation. The site should keep away from the fire source.
- Apply protective layer after checking and accepting the coating.
- Application under snowy and rainy days, sandy days and low temperature as well as on the substrate which do not meet the requirements are prohibited

## PHYSICAL PROPERTIES

Implement Standard: GB/T19250-2013

No.	ITEMS	TECHNICAL INDICATORS	
		I	
1	Solid content%≥	single group	85
2	Dry time table /h ≤		12
3	Actual drying time /h≤		24
4	Tensile strength /Mpa≥		2.0
5	elongation /%≥		500
6	Tear strength (N/mm) ≥		15
7	Low temperature flexure		-35°C No cracking
8	Impermeable		0.3MPa 120min Impermeable
9	Heating expansion rate /%		-4.0~+1.0
10	Bond strength /Mpa ≥		1.0
11	Water absorption rate /%≤		5.0



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