

# Aquacoat 929C

## Solvent-based Polyurethane Waterproof Coating (1K)

### Product Description

Aquacoat 929C is suitable for complex projects due to its distinctive ability to react with atmospheric moisture and the NCO end group of the PUP, resulting in the formation of a seamless, robust, elastic and flexible waterproof film.

### Product Features

- Ready to use: it is pre-packaged, eliminating the need for complex mixing that can lead to quality issues.
- Durable: It offers stable performance with resistance to aging, acids, alkalis, fatigue, and extreme temperatures.
- Eco-friendly
- Easy installation: excellent leveling properties. Upon application, it reacts with moisture in the air to create a seamless, tough, and highly elastic waterproof film.

### Packaging

5kg/bucket, 25kg/bucket

### Storage And Transportation

- Products of different categories should be separated from each other during storage and transportation.
- The storage temperature should be maintained between 5°C~ 40°C. Do not approach the fire, avoiding exposure to direct sunlight and rain, preventing collision. Adequate ventilation should be ensured during storage.
- Shelf life is 6 months from the date of production under appropriate storage conditions.



### Where To Use

- Roof, underground waterproofing projects, kitchen & bathroom;
- Not for food-grade water project.

### Recommend Usage

1.6~1.8kg/m<sup>2</sup> for 1mm-thickness film

Note: The data belongs to the calculation of standard experimental environment and is for reference only. The actual amount should be calculated according to the site base surface.

## Construction Procedures

### Surface Preparation

The smooth(light steel-trowel to be used) substrate to be treated must be fully cured and sound,which shall mean that it is free of oil, excess mortar,grease,lean and other contaminants.Any defects such as cracks &honeycomb shall be repaired with suitable repair methods.

### Mixing

Stir Aquacoat KS-929C thoroughly and gently with an electrical mixer to minimize air entrapment.Use within 30 minutes.

### Application

- Coat Apply the well mixed Aquacoat KS-929C in one direction.(allow to cure approximately 6-12 hours)
- After the first coat full dried, Coat Apply the well mixed Aquacoat KS-929C in a crosswise direction as a second coat application.(allow to cure for 24hours)

## Technical Data Based For Reference

No.	Item	Index	Test Standard
1	Tension Strength	2.0 Mpa	ASTM D412 modified
2	Elongation at break	500%	ASTM D412 modified
3	Peel Adhesion To Concrete	1.0 N/mm	ASTM D903 modified
4	hydrostatic pressure resistance	0.7Mpa,1h No water leakage	ASTM D5385-1993,modified
5	Low temperature crack bridging	-23°C ± 2, No effect	ASTM C836-06
6	Low temperature flexibility	-30°C, No cracking	ASTM D1970-01