

Aquacoat QL-988A

2 Component Flexible Cementitious Waterproof Coating



Description

Aquacoat KS-988A, is a 2 component acrylic modified cementitious waterproofing system. It is twocomponent high polymer coating material of organic liquid and inorganic powder. After mixing and stirring in a specified proportion, apply slurry on the substrate by trowel or brush to form a hard and flexible waterproof coating. It is widely used in building, road, bridge, culvert, decoration and water construction. The present waterproof system is preferred to the indoors which is not soaked in water for long time. It can be compounded with other material in the roof construction.

Product Features

- No toxic, no hazard, no pollution, environmental-friendly, safety use.
- Good adhesion, tough and strong, excellent durability and water resistance.
- It is possible to apply directly to moist (no water) and dry substrate.
- The coating film has high tensile strength, tough, water resistant and durable.
- Directly construct on facade, slope and top with no flowing. Simple construction.
- Good weather resistance. It is no need to make the protective layer on the outdoor roof.
- Possess excellent bonding ability and water resistance, great affinity to material like cement mortar and ceramic tile.

Main Application

- Basement retaining wall and slab
- Swimming pool, water bodies
- Bathroom, balcony, wet area and planter box
- Water retaining structure
- Parking deck

Installation

Substrate Cleaning & Checking

- Substrate Repair
- Coating Preparation
- Joints Treatment
- Internal & External Corner Reinforcement
- First Widespread Coating
- Second Widespread Coating (Direction is Vertical to the First Coating)
- Third Coating(The Direction is The Same as the First Coating)
- Quality Check & Repair
- Impounding Test
- Acceptance

Supply

Firstly apply the stirred polyurethane waterproofing coating over special positions like the external and internal reinforcement as well as penetrations like through-wall pipe. Afterwards, for widespread coating. Use brush or rubber scraper to brush the substrate evenly. Apply the second layer provided the first layer is cured. The coating direction is vertical to the first one and then the third layer direction is the same as the first one. After curing, it will form a complete seamless waterproof rubber film which will bond strongly to the substrate. Before protection, attention must be given not to damage the waterproofing membrane with hard objects.

Coating Interval time: Depends on the application site but typically surface drying time is about 12 hours. Subsequent coats of PU should be applied when the preceding coat becomes tack free.

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Physical Properties

Implement Standard: GB/T 23445-2009

No.	Item	Index
1	Tensile strength, MPa \geq	1.8
2	Elongation at break, % \geq	80
3	Watertightness 0.3MPa 30min	Watertight
4	Solid content, % \geq	70
5	Bonding ability to the moisture base, MPa \geq	0.7
6	Impermeability (mortar back side), MPa \geq	0.6

Recommended Usage

1.0mm thick coating
1.7kg/sqm in 2 components

Packaging

50 Kg set (20kg Liquid + 30kg powder)

Shelf life

No special measures required. 18 months shelf life of liquid.

Storage

Storage in one common storage facility. Protect from frost. Store in cool, dry conditions in well-sealed receptacles.



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