

Aquaflex KS-988A

JS High Polymer Cementitious Elastic Waterproof Coating



Product Description

KS-988A JS Acrylic polymer cementitious two-component waterproof coating is composed of acrylate emulsion, cement and various inorganic powders, the product is categorized as type I, type II and type III according to different functions.

Packaging

I Type: Liquid 20kg/bucket+ Powder 24kg/bag

Mix ratio: Liquid: Powder=1:1.2

II Type: Liquid 20kg/bucket+ Powder 30kg/bag

Mix ratio: Liquid: Powder=1:1.5

III Type: Liquid 10kg/bucket+ Powder 25kg/bag

Mix ratio: Liquid: Powder=1:2.5

Technical Data Based For Reference

Product Features

- Good waterproofing performance with lower cost.
- Environmentally friendly, it is water-based material.
- High film strength and good ductility.
- Good adhesion to the base, it can be applied on wet substrate (no floating water) directly.
- Type I products have excellent flexibility and good low temperature resistance, and Type II and Type III products have excellent bonding strength and impermeability.

Where To Use

Type I: The coating film has good flexibility and is suitable for parts with a large amount of activity, such as the waterproof and moisture-proof of floors and non-exposed roofs.

Type II: suitable for toilets, balconies, bay windows, etc.

Type III: Good bonding performance, suitable for waterproofing and anti-seepage of kitchen and bathroom walls, pools, etc.

Implemented standard: GB/T 23445-2009

No.	Item	Index		
		I	II	III
1	Solids content% \geq	70		
2	Tensile strength/Mpa \geq	1.2	1.8	1.8
3	Elongation at break,% \geq	200	80	30
4	Bending resistance at low temperature	-10°C, no gash	-	-
5	Impermeability 0.3Mpa, 30min	Impermeable		
6	Adhesive strength on moist base surface/Mpa \geq	0.5	0.7	1.0
7	Impermeability (Mortar dorsal surface)/Mpa \geq	-	0.6	0.8

Construction Procedures

Surface Preparation

The smooth(light steel trowel to be used)substrate to be treated must be fully cured and sound;which shall be 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 method.Pre-wetting or dampening the substrate with clean water prior to application isa pre-requisite.

Mixing

Mix in a clean container with the recommended ratio of water into Part A(Liquid)and stir by with an electrical mixer slowly while adding Part B(Powder)until a creamy consistency is achieved.Use within 2 hours.

Application

1"Coat Apply the well mixed slurry of AquaflexKS-988A at 1.0kg/m² in one direction.(allow to cure approximately 4-8 hours)

2" Coat Apply the second coat of Aquaflex KS-988A at 1.0kg/m²in a crosswise direction to the first application. (allow for fully cure 24-48hours)

Recommend Usage

The usage for 1.0mm thickness coating about:

Type I: 1.8 kg/square meter ; Type II:1.9 kg/square meter ; Type III: 2.0 kg/square meter

(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.)

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.



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