

Aquaflex 268

Water Resistant Polymer Cementitious Waterproof Slurry

Product Description

Aquaflex 268 water resistant polymer cementitious waterproof slurry is made of high-quality polymer emulsion and special cement, together with special functional additives. It is featured by excellent water resistance, good flexibility, excellent construction performance, and environmentally friendly. The product is not only suitable for long-term water immersion environment, but also for waterproofing in underground construction. It is a high-end two-component water-based waterproof coating with multi-purpose.



Product Features

- Long-term water erosion resistance, no foaming, stable performance, long-term water resistance.
- High tensile strength and good ductility.
- Good impermeability and film flexibility.
- Good leveling so as to form a dense waterproof coating.

Packaging

44kg/ set (liquid material 20kg/ barrel + powder material 24kg/ bag)

Where To Use

- Swimming pools, drinking water pools, landscape pools, fire fighting pools and other long-term immersion environment.
- Waterproofing of bathroom, kitchen, balcony, etc.
- Waterproofing of underground construction projects such as underground corridors, basements and underground railways.

Recommend Usage

1.8~2.2kg/m² for 1mm-thickness film (the actual amount depends on the condition of the base layer and the thickness of the coating)

Liquid material: powder material = 1:1.2

Technical Data Based For Reference

Implemented standard:GB/T 23445–2009

NO.	Item		Index
			Type II
1	Solid content/% \geq		70
2	Tensile Strength (without treatment) / MPa \geq		1.8
3	Bonding strength	Alkali treatment/ MPa \geq	0.7
4		Immersion treatment/MPa \geq	
5	Impermeability (0.3MPa, 30min)		Impermeability

Implemented standard:GB 50108–2008

NO.	Item			Index
1	Bonding strength of wet base / MPa ≥			1.0
2	Impermeability	coating film (120min) /MPa ≥		0.3
		Mortar facing the water/MPa ≥		0.8
		Mortar back surface/ MPa ≥		0.6
3	Tensile Strength after immersion for 168h / MPa≥			1.5
4	Elongation at break mixture after immersion for 168h /%≥			80
5	Water resistance	Bonding strength retention rate/% ≥		80
		Mortar water up streaming surface/% ≥		80
		Retension of impermeability	Mortar facing the water/MPa ≥	80
			Mortar back surface/ MPa ≥	80
		Coating film (120min) /MPa		impermeable

Construction Procedures

- Foundation course cleaning:
- Preparation of paint (liquid material: powder material=1:1.2)
- Strengthening treatment of node areas
- Paint the waterproof coating in a large area
- Inspection, organization acceptance

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;
- When the relative humidity is $\geq 85\%$, moisture-proof measures need to be taken;
- Shelf life is 6 months from the date of production under appropriate storage conditions.