

# Aquaflex 268

## Water Resistant Polymer Cementitious Waterproof Slurry

### Product Description

This product is meticulously formulated with polymer emulsions and specialty cement, enhanced with functional additives. It exhibits exceptional water resistance, flexibility, ease of application, and eco-friendly water-based properties. Suitable for long-term water immersion environments and underground construction waterproofing, it is a professional-grade, versatile two-component waterproof coating.



### Product Features

- Eco-friendly water-based formula, compliant with potable water standards.
- Excellent leveling properties. Forms a Dense Waterproof Layer.
- High tensile strength and flexibility. Resists Cracking.
- Long-term water immersion resistance, without blistering or delamination

### Packaging

8kg/ set (liquid material 3.64kg/ barrel + powder material 4.36kg/ bag);

Colours:Blue

### Where To Use

- Ideal for long-term water immersion environments such as swimming pools, potable water pools, landscape pools, and firefighting pools;
- Suitable for residential waterproofing applications including bathrooms, kitchens, and balconies;
- Designed for underground construction projects such as utility tunnels, basements, and subway systems.

### Recommend Usage

Coverage: 0.75 kg/m<sup>2</sup> per coat. Recommended application: 2-3 coats (the actual amount depends on the condition of the base layer and the thickness of the coating)

Yield: 8 kg/set covers 3.5 m<sup>2</sup> to 5 m<sup>2</sup> (based on 2-3 coat application).

## Technical Data Based For Reference

Implemented standard:GB/T 23445-2009

NO.	Item		Index
			Type II
1	Solid content/% $\geq$		70
2	Bonding strength	Alkali treatment/ MPa $\geq$	0.7
3		Immersion treatment/MPa $\geq$	
4	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

Base Preparation→Coating Preparation(Mix liquid and powder components at a 1:1.2 ratio.)→Critical Area Reinforcement→First pass of construction→Apply the 2nd to 3rd layers (with non- woven fabric)→Coating maintenance→Inspection & Acceptance.

## Precautions

- The substrate should be solid and level, free of dust, powder, and oil.
- Mix according to the ratio of liquid to powder: liquid:powder = 1:1.2 (by weight), stir for 3~5 minutes until a uniform slurry is formed.
- Adding non-woven fabric at joints or large surfaces can effectively improve the overall integrity and crack resistance of the waterproof coating.
- It is recommended to apply 2~3 coats, with a total coating thickness of not less than 1.5mm.
- When working in confined spaces, it is necessary to maintain ventilation or take appropriate protective measures.
- Before the coating is fully cured, stepping on it or soaking it in water is prohibited.

## Storage And Transportation

- **Transportation:** This product is classified as non-flammable and non-explosive, and may be transported via general methods. During transit, protect from rain exposure, direct sunlight, freezing temperatures, and packaging damage;
- **Storage Conditions:** Store in a dry, cool environment at 5° C–40° C, avoiding direct sunlight and moisture;
- **Humidity Control:** Implement moisture-proof measures when relative humidity ≥85%;
- **Shelf Life:** Under proper transportation and storage conditions, the product maintains a minimum shelf life of 6 months from the date of production.