

Aquaflex 107

High Performance Waterproof Slurry(2K)

Product Description

Aquaflex 107 high performance waterproofing slurry (2K) is a two-component rigid waterproof material made of a scientific ratio of polymer special waterproof emulsion, various inorganic materials and selected aggregates. The product has both the flexibility of polymer materials and the durability of inorganic materials. After the product is applied, a dense integrated composite waterproof coating is formed on the base surface. It has the characteristics of environmental protection and non-toxicity, high bonding strength, anti-seepage and anti-leakage, and easy construction. It is suitable for waterproof and moisture-proof treatment of the whole house wall.

Where to Use

- Waterproofing and anti-seepage engineering of interior and exterior walls of buildings;
- Waterproofing and moisture-proofing of kitchens, bathrooms, floors, pools, etc.;
- Waterproofing of the water-facing and water-repellent surfaces of underground projects.

Application Procedures

Substrate Preparation → Mortar Mixing (Liquid: Powder = 1:4) → Detailing Treatment → Large Area Application → Inspection and Acceptance
(Batch coating is recommended. If other construction methods are required, such as roller coating, please contact your local Keshun technical representative.)



Product Features

- Stable volume, low shrinkage, anti-cracking and hollowing;
- Two-component product, precise proportion, easy to mix and apply;
- Excellent anti-permeability, protecting concrete from carbonization and water penetration;
- Super strong bonding, preventing the exterior wall from hollowing and falling off.

Construction points

- The base layer should ensure that the construction surface is clean and flat, free of debris, oil, etc.;
- Properly moisten the base layer before construction to prevent it from absorbing moisture in the mortar;
- The materials should be mixed in a ratio of liquid to powder = 1:4, and the liquid and powder should be fully stirred for 3-4 minutes. When they are in a uniform state without particles or lumps, they can be used.

Packaging

25kg/set (liquid material + powder material = 5kg + 20kg)

Recommended Consumption

Prepared at a liquid-to-powder ratio of 1:4 by weight.
For a 1.0mm-thick coating, the estimated consumption is 1.73–1.82(1.7–1.9) kg/m².

Note: This data is based on standard test conditions and is for reference only. Actual consumption may vary depending on site conditions.

Technical Data Based for Reference

Standard: JC/T 2090–2011

Item		Index
		Type I
Drying time ^a /h	Touch Dry Time ≤	4
	Hard Dry Time ≤	8
Impermeable Pressure /MPa ≥		0.5
Flexibility	Lateral Deformation/mm ≥	2.0
	No treatment ≥	0.7
Bond Strength	Wet Substrate ≥	0.7
	Alkali Treatment ≥	0.7
	Water Immersion ≥	0.7
Compressive Strength/MPa ≥		12.0
Flexural Strength/MPa ≥		4.0
Heat Resistance		No Cracking or Peeling
Alkali Resistance		No Cracking or Peeling
Freeze Resistance		No Cracking or Peeling
Shrinkage Rate/% ≤		0.3
Note: a The drying time can be adjusted based on user requirements and seasonal variations.		

Storage and Transportation

- This product is non-flammable and non-explosive and can be transported using standard methods. During transportation, protect it from rain, direct sunlight, freezing, and package damage.
- Store the product in a dry, ventilated, and cool place. The liquid component should be stored at a temperature between 5° C and 38° C.
- Under normal storage and transportation conditions, the shelf life is at least six months from the production date.