

# SpiderWeb 107X

## Fiber-Reinforced Waterproof Slurry(2K)

### Product Description

SpiderWeb 107X is an eco-friendly, rigid waterproof coating made with advanced fiber-reinforced technology. It combines anti-crack fibers, polymer emulsion, and selected inorganic materials to provide strong adhesion, fast build-up, and excellent waterproofing with crack resistance. Specially designed for vertical surfaces like walls, it allows direct tile installation using CKS Tile series adhesives without compromising waterproof integrity.



### Where to Use

Waterproofing works for the horizontal and vertical surfaces of interiors such as bathrooms, kitchens, and balconies.

### Packaging

Part A: 5kg/pail	Part A: Liquid in white
Part B: 20kg/bag	Part B: Powder in grey
Part A+B: 25kg/set	Part A+B: Slurry in grey

### Recommended Consumption

According to the weight ratio of emulsion: powder = 1:4, the usage of 1.0mm thick coating is about 1.73–1.82 ( 1.7–1.9 ) kg/m<sup>2</sup>

(Note: This data is calculated in the standard test environment and is for reference only. The actual usage depends on the actual situation on site.)

### Product Features

- **Easy Application:** A two-component product with a precise ratio for easy mixing and application, requiring no additional water on-site;
- **High Bond Strength:** Contains anti-crack fibers that effectively prevent crack propagation, ensuring resistance to hollowness and cracking;
- **Excellent Crack Resistance:** Reinforced fiber improves cohesion, flexural strength, and impact resistance;
- **Impermeability:** Provides excellent resistance to water penetration, protecting concrete from carbonation and water damage;
- **Good Material Compatibility:** Bonds well with the substrate and decorative layers, allowing direct application of decorative layers on the waterproofing layer.

## 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.)

## Preparation

- The substrate must be clean, solid, and free from debris, oil stains, and other contaminants.
- It is recommended to use Latex 001 for primer treatment of the substrate to enhance the adhesion between 107X and the base layer.
- Mix according to the ratio of liquid to powder: liquid:powder = 1:4 (by weight), stir for 3~5 minutes until a uniform slurry is formed.
- It is recommended to apply two coats, with a total film thickness of 2~3 mm; reference consumption: 1.3~1.5 kg/m<sup>2</sup>·mm.
- Before the coating is fully cured, stepping on it or soaking it in water is prohibited.

## Technical Data Based for Reference

Standard: JC/T 2090-2011

Item		Index
		Type I
Drying time <sup>a</sup> /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.
- When the relative humidity is  $\geq 85\%$ , moisture-proof measures need to be taken;
- Under normal storage and transportation conditions, the shelf life is at least six months from the production date.