

# SpiderWeb 107X

## Fiber-Reinforced Waterproof Slurry(2K)

### Product Description

SpiderWeb 107X Fiber-Reinforced Waterproof Slurry(2K) is an innovative waterproof material developed using high-strength fiber reinforcement technology. It is a rigid, eco-friendly waterproofing material composed of a special polymer modified waterproofing emulsion combined with various inorganic materials and aggregates. The product is specially formulated with anti-crack fibers, offering high bonding strength, and excellent impermeability. It is particularly suitable for waterproofing and seepage prevention on vertical surfaces such as walls, and tiles can be directly applied over the waterproof layer with CKSTile series tile adhesive.

### Where to Use

- Waterproofing and anti-seepage engineering of building walls;
- Waterproofing and moisture-proofing treatment for kitchens, bathrooms, floors, and pools;
- Waterproofing of fire-fighting tanks, landscape pools, water channels;
- Waterproofing for both the positive and negative sides of underground structures.

### 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

- **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.

## Preparation

- The substrate must be clean, solid, and free from debris, oil stains, and other contaminants.
- Before application, the substrate should be appropriately moistened to prevent it from absorbing water from the mortar.
- The material should be mixed in a ratio of liquid component: powder component = 1:4. The liquid and powder should be thoroughly mixed for 3–4 minutes until a smooth, lump-free, and uniform consistency is achieved before use.

## 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.)

## 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

## 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.



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