

## KS-901F

### Polymer Waterproof Mortar

#### Description

KS-901F Polymer waterproof mortar is made of high polymer emulsion, a variety of inorganic materials and aggregates and additives.



#### Product Feature

- Single component dry powder products, can be used directly after mix with water, the construction is simple and convenient.
- Good adaptability, can be used in damp base surface (plane or elevation).
- Strong bonding ability, impermeability, water resistance and durability are good.
- Durable for high / low temperature, acid and alkali resistant.
- In the wet surface of the base construction, positive side and back surface can be the construction. Have a remarkable waterproof effect.

#### Advantages

- No toxic, no hazard, no pollution, environmental-friendly, safety use
- Excellent impermeability
- Waterproof and avoid water vapor penetration
- Excellent bond strength with base layer and decorative layer
- Easy to operate for installation

#### Main Application

- The integral waterproof and pressed anti permeability mortar of external wall
- Waterproof and anti seepage treatment of sloping roof, toilet, bathroom, kitchen, basement and sink
- The leakage and plaster treatment for aerated concrete, porous hollow brick masonry materials
- Old and new building maintenance, or repair, and paste marble, ceramic tile, mosaic, artificial stone, asbestos, gypsum board, wood floor.

## Installation

- The base surface to be constructed must be clean, sturdy, free of oil, dirt, and floating ash. Any defects such as cracks or honeycombs should be repaired in advance
- According to the mixing ratio, the powder is slowly added to the water, use motor to stir for 2-3 minutes until no particles. Then left the mixture for 5 minutes  
Mixing weight ratio powder: water = 20: (4.0-5.0)
- Coating on base with 2-3 times, thickness 1-2mm, dry to non-stick hand between each time. Not exceed 5mm for total thickness.

## Physical Properties

Implemented Standard: JC/T984-2011

No.	Item		Index
1	Setting time	Initial setting/min $\geq$	45
		Final setting/h $\leq$	24
2	Anti-permeability/MPa	7d	0.5
3	Compressive strength/MPa $\geq$		24.0
4	Breaking strength/MPa $\geq$		8.0
5	Adhesive strength/MPa $\geq$	7d $\geq$	1.0
		28d $\geq$	1.2

## Supply

Recommend usage: Subject to usage of powder: water = 20: (4.0-5.0), The usage for 1.0mm thickness coating is about 1.5kgs/square meter.

Wall, ceiling: 2 to 3 coats, 1mm to 2mm thickness per coat, total thickness not exceed 5.0mm

Using for decoration tile laying: 1 coat, 2mm thickness on substrate, 1 coat, 2mm thickness on tile

Gross weight: 20kgs/set

## Attention

- Could be built for surface construction after the waterproof layer completely dry, around 3-5 days.
- Temperature for construction should be 5-40°C.
- Make protection for waterproof layer during suffer strong sun or strong wind.
- The tools should be cleaned immediately after finish construction.
- Proper water spray protection for the waterproof layer in dry weather, should be made after 48 hours the coating finished.

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