

## Polymer Modified Cement Waterproof Coating (JS)

### Description

Polymer modified cement waterproof coating is a two parts water-based waterproof coating. Part A is consisted of high quality acrylic emulsion and various additives, and part B is consisted of high-alumina/iron cement and premium sands. The seamless coating film has outstanding tensile strength and elongation abilities, and it can be used at interior and exterior environment.

### Uses

It can be widely coated on wet or dry masonry, mortar, concrete, metal, wood, plastic, glass, plaster board, foam board, asphalt, rubber, SBS membranes, such as roofs, shower room, interior and exterior wall, road, bridge, swimming pool, tunnel, parking, and residential and commercial buildings etc.

### Features

- ◆ Excellent adhesivity and tensile strength
- ◆ Weathering and corrosion resistance
- ◆ Can be applied on wet and dry substrates
- ◆ Excellent watertightness and low temperature flexibility, color selection
- ◆ Environment friendly, non-flammable, non-odor, VOC free, non-toxic and no pollutions
- ◆ Fungal and algae resistance
- ◆ Easy application, short installation time



### Technical Data: GB/T23445-2009

No	Item	Index		
		I	II	III
1	Solid content, % ≥	70	70	70
2	Tensile strength, MPa ≥	1.2	1.8	1.8
3	Elongation at break, % ≥	200	80	30
4	Low temperature bending, -10°C	No crack		
5	Adhesive strength, MPa ≥	0.5	0.7	1.0
6	Water tightness, 0.3MPa * 30min	Impermeable		
7	Mixing ratio, Emulsion liquid : powders : water	1:1:0	1:1.5:0.2-0.5	1:2:0.2-0.5

**Packing**

Powder and liquid is separately packed in 20kg plastic bags and 20kg/pail or customized

**Application instructions**

**Surface Preparation:** Substrates need to be clean, smooth, dry (Moisture <9%), no grit and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the coating film. All surface voids greater than 5mm width, shall be properly filled with an acceptable fill materials and level it.

**Stirring:** According to the mixing ratio, adding powders to the liquid emulsion and water, mixing the materials very well until no particles or sediments.

**Application:** Apply the coating by brush or roller to the substrate surface uniformly. Three coats are needed at least. Allow 8 hours drying time between successive coats.

**Coverage:** 1.0 mm thickness dry film will cost coating at 2.2-2.5kg/m<sup>2</sup>.

**Storage**

Recommended storage temperature is 5°C ~ 40°C; Stored in dry and ventilated condition and avoid direct sunlight. Keep out of the reach of children.

**Shelf life:** 12 months

Keep containers covered when not in use.

**Safety precautions**

**Personal protection:** Irritation may result from prolonged or repeated contact with skin. Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

**Eye contact:** Rinse immediately with clean water for 15 minutes and seek medical advice.

**Waste disposal:** Empty containers must be disposed of in accordance with regulations. Reseal containers after use. Do not reuse containers for storage of consumable items.