

Polymer cement waterproofing coating(JS)

Polymer cement waterproofing coating is green and environmental protection, recommended by nation. It is a kind of bi-component waterproofing coating compounded with organic liquid material and inorganic powder material. It has characteristics of high elasticity and high durability. Coating layer can form a high tenacity waterproofing film, pigment can be added.



All-weather



Product Characteristics

- High adaptability to wet and dry base layer, not flowing on elevation
- Pigment can be added as you wish
- High elasticity and high durability.
- Poison-free and odor-free, no pollution, easy construction, short in construction time.
- Ventilation property, no blistering even on wet base layer.

Sphere of application

This product applies to masonry, mortar, concrete, mal, wood, hard plastic, glass, plasterboard, foam board, asphalt, rubber, SBS, APP, polyurethane and civil construction (such as building wall surface, subsurface, tunnel, bridge, pool, reservoir, bathroom and kitchen)

Performance

[Confirming to JC/T894-2001]

ordinal	item	technical data	
		I	II
1	solid content. %	65	
2	drying time	surface drying time.h	≥ 4
		hard drying time.h	≤ 8
3	tensile strength	no processing. Mpa	≤ 1.2
4	Elongation at break	no processing. %	≥ 200
5	low-temperature flexibility. Ø10mm stick	-10°C	flawless
6	impermeability. 0.3Mpa. 30Min	watertight	watertight
7	wet base layer adhesive strength. Mpa	≥ 0.5	1.0



Color is adjustable



High climate adaptation



Environment friendly



easy and quick to apply

Construction technology

Base layer processing

Base layer should be flat and firm. No sharp objects, dust, water, oil stain on the base layer.

Exposed corner, internal corner and pipe root should be processed circular arc form, exposed corner radius > 5mm, internal corner radius > 25mm.

Irregular and crack should be leveled, and stop the leakage.



Dosage

- The method of watering is water down the liquid material first and stirs it, at the same time add powder material slowly. Stirring for 5 minutes to ensure no pellet substance exist. When the coating is readied it must be used out in 2 hours, or the viscosity is going to be high to adverse construction.
- The weight ratio refers to introductions on the package. Amount of water can be adjusted to change viscosity to meet different needs of elevation and plane.
- Inset sealing material into socket. Exposed corner, internal corner and the root of pipe should be painted 2-5 times. Enhancement material should be added in underground construction. Extensive construction should be painted 3 or 5 times.
- The time interval of two painting with 8 hours advisable and should be extended in winter, thickness of painting film is 0.4mm-0.5mm. no water or small amount of water is need in the elevation construction.
- The enhancement material should be leveled flat and without wrinkle. Overlap ≥ 100 mm. Both the enhancement and base layer should be painted.
- After the waterproofing film completed and passed, it needs to be protected.

Matters need attention

- Construction in rain is unacceptable.
- Thickness of film should be even, without shed, crazing, cockles, accumulate, bubble and other defects.

Storage and transportation conditions

- Storage temperature should be 5℃ above, avoid sun-baked and wringing. Avoid collisions during transportation period.
- Storage period is 6 months at least.