

(JS)POLYMER CEMENT WATERPROOF COATING



Description

Polymer cement waterproof coating is two component composite waterproof coating which is composed of organic liquid of high quality modified acrylic emulsion together with the inorganic powder .It is a kind of new type waterproof material that have high elasticity of organic materials and good durability advantages of inorganic material.According to the application range, it can be divided into type I and type 2 (As following).

Usage

- Roofs
- swimming pool
- underground construction
- kitchen
- bathroom
- corridor and dam(suitable for drinking water project).

Packing

JS liquid material is sealed and packed in plastic barrel(50kg/25kg per barrel) and the powder is sealed and packed in plastic bag(25kg per barrel).Or packed of liquid in Barrel:20kg/barrel.

Reference dosage

Under normal conditions, when the thickness of the waterproof layer coating is 1.0mm, the recommended dosage is about 1.5-2.2kg/ m² (the actual dosage depends on the base condition and coating thickness).

Advantages

- Water-base coating, non-toxic, non-hazard, non-pollution, it is environmentally friendly.
- Coating film has high tensile strength, resistant to water and weather.
- Can be used on wet base, and it can bind base firmly.
- Easy operation,can shorten construction term.

Application

- a Grass-roots level should be solid, flat, clean, no water, no dust and grease on the surface, flat facade intersection of Yin and yang corners should be made uniform, flat and smooth rounded corners,.
- b Coatings should be accurately measured according to the ratio, stirred evenly, and should be based on the effective time to determine the amount of each preparation, configured coating must be used up within 30min.
- c Detail node should do additional layer treatment, additional layer practice: firstly fabric and secondly coating, additional fabric material should be nonwoven polyester fabric.
- d Polymer cement waterproof coating large construction can be used roller brush to brush or mechanical spraying, coating should be layered brush or spray, the coating should be uniform, coating should be until the previous coating dry film (to hand touch non-stick). The direction of coating should be changed alternately when each coating is applied.



Attentions

- Construction should not be without ventilation environment, it will affect the film.
- Type I and II can not mix to use.

Limitation

- Not subject to any traffic and must be protected by protective screed or polystyrene board.
- Do not apply with high consumption than recommended amount.

Technical Index

Standard: GB/T 23445-2009

NO.	Items		Index		
			I	II	III
1	Solid content/% \geq		70	70	70
2	tensile strength	No processing / MPa \geq	1.2	1.8	1.8
		Retention rate after heat treatment /% \geq	80	80	80
		Post-treatment retention rate /% \geq	60	70	70
		Retention rate after water treatment /% \geq	60	70	70
		Retention rate after UV treatment /% \geq	80	-	-
3	Elongation at break	No processing /% \geq	200	80	30
		Heat treatment /% \geq	150	65	20
		Alkali treatment /% \geq	150	65	20
		Soaking treatment /% \geq	150	65	20
		UV treatment /% \geq	150	-	-
4	Low temperature flexibility		-10 °C, No crack	-	-
5	Bond strength	No processing MPa \geq	0.5	0.7	1.0
		Wet floor, MPa \geq	0.5	0.7	1.0
		Alkali treatment /MPa \geq	0.5	0.7	1.0
		Soaking treatment /MPa \geq	0.5	0.7	1.0
6	Impermeability(0.3 MPa,30 min)		Impermeable	Impermeable	Impermeable

Safety precautions

We recommend the use of protective gloves during application. If there is contact with eyes and skin, wash immediately with plenty of water. Seek medical assistance immediately.

Technical support

For more information, alternative applications or alternative proposals, please contact our Technical Department at the email address below.

Contact us

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*We hope that the information contained here in will be of your assistance. Please follow the instructions in the information before proceeding, and we cannot accept any liability for damage caused by incorrect use. If you require assistance during the process, please contact our service personnel via the contact details above.

Cleaning

Clean all tools and equipment immediately with water after application.

Storage and transportation

This product is non-flammable and explosive material, and can be transported as general cargo. When transporting, it should be prevented from rain, exposure to sunshine and freezing, avoid extrusion and collision, and keep the package intact. The product should be stored in a dry, ventilated and cool place, and the storage temperature of the liquid component should not be lower than 5°C. Under normal storage and transport conditions, the shelf life of sealed package is 6 months.