

ZX-FS-03

JS polymer cement waterproof coating

General

ZX-FS-03 JS composite waterproof coating was developed by absorbing foreign advanced technology, composed of organic coatings and inorganic powder composite has both the organic material of high elasticity and good durability of inorganic materials of new type two-component waterproof coating. Strength of the coating layer can form high waterproof coating, and can according to need to make color color coating.

Composition

Organic coatings and inorganic powder composite cement base composite waterproof coating materials

Product properties

Strength of extension:	>2.0MP
Elongation at break:	>250%
Ow temperature flexibility:	-10℃—-20℃
Bonding strength:	>1.5 MPa
Watertightness:	0.3MPa, 30min tightness

Application

Main feature

1. Environmentally friendly materials

ZX-FS-03 JS composite waterproof coating is composed of organic coatings and inorganic powder composite cement base composite waterproof coating materials, non-toxic, tasteless, no pollution, non-volatile characteristics.

2. It has fireproof and heat-insulating properties

ZX-FS-03 JS composite waterproof coating is not burning materials, high temperature 140 ℃, the dry solid, no volatile gas produced in the process of the construction site without special fire prevention measures, the construction and use is very safe.

3. Simple operation and short construction period

As a result of JS composite waterproof coatings in construction of grass-roots state (dry, damp, roughness) no don't requirements; At the same time operating method is simple, without complex tools, at the top of the elevation, slope and surface construction flow characteristics

4.It has a wide range of application for construction

ZX-FS-03 JS composite waterproof coatings in wet or dry brick, mortar, concrete, metal, wood, plastic, glass, gypsum board, rubber asphalt, SBS, APP, polyurethane, etc. Based on the construction. For old and new buildings and structures (example: building, underground engineering, tunnels, Bridges, pool, reservoir, etc.).

5.It has strong weather resistance, excellent water resistance and durability

JS composite waterproof paint coating tenacity, high strength, excellent water resistance, durability, and strong base and outer material binding.

6.The drying and curing time is short

ZX-FS-03 JS composite waterproof coatings in liquid: powder: water = 10:7:2, the outdoor environment, environmental temperature is 20 °C dry solid coating for 3 hours.

7.It can be coated in color

The essence of JS composite waterproof coating for translucent milky white, plus 10% - 5% weight of liquid iron oxide series neutral inorganic pigment, can be made into all kinds of colour coating.

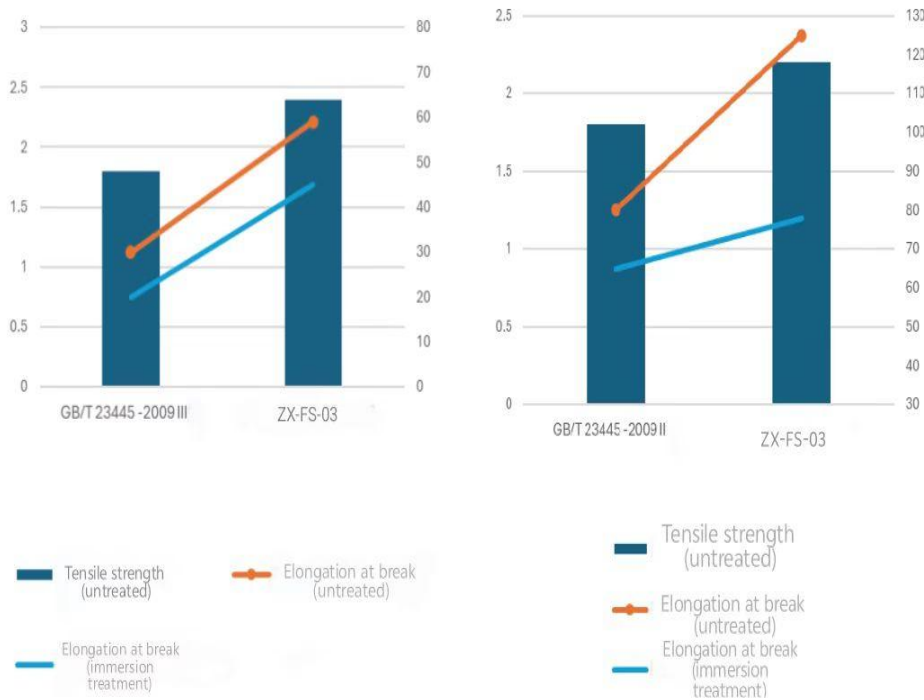
8. Deodorization upgrade

Odorless and environmentally friendly is an important direction for the upgrading and high-quality development of waterproof materials. Polymer cement waterproof coating is a highly efficient waterproof material widely used in indoor damp areas. The use of odorless and environmentally friendly materials is an important guarantee for the physical health of practitioners and the indoor environment. To reduce the continuous harm to the physical health of construction workers and the surrounding environment, the odorless emulsion for ZX-FS-03 polymer cement waterproof coating, through a unique polymerization formula and production process, not only has a low odor of the polymer itself, but also does not contain harmful substances such as formaldehyde and ammonia.

9. High flexibility and good water resistance

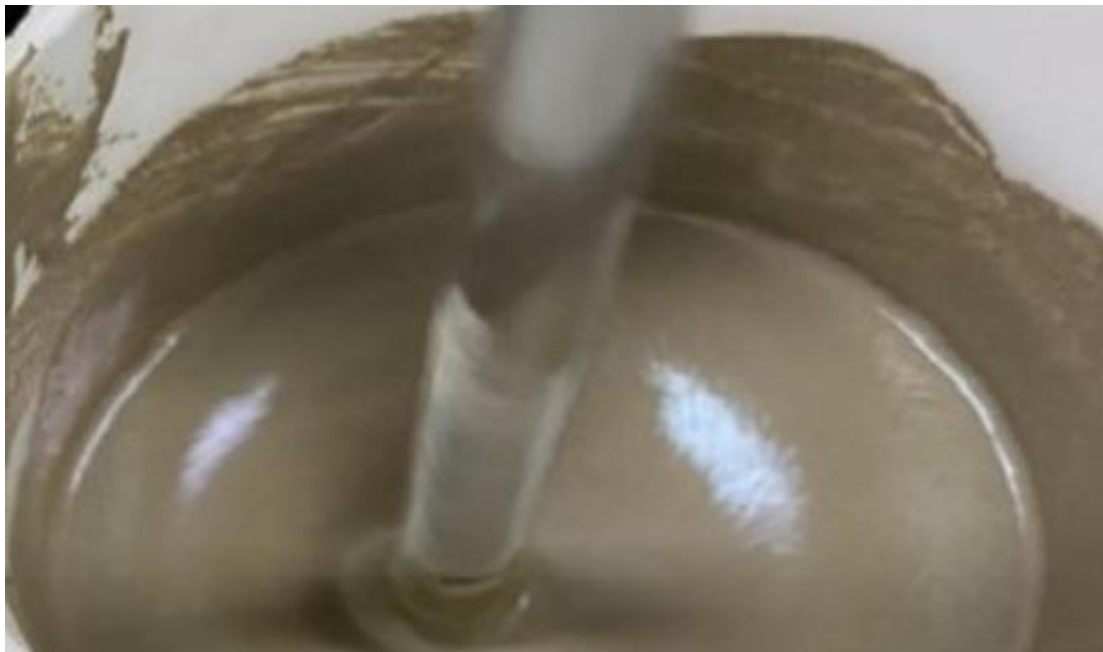
The odorless and environmentally friendly emulsion for polymer cement waterproof coating adopts a unique high-molecular polymerization technology, endowing the waterproof coating film with outstanding initial flexibility - high tensile strength and elongation.

After immersion treatment, the strength retention rate and elongation rate are much higher than the standard requirements (refer to GB/T 23445-2009 Type II and Type III). The waterproof materials developed based on this can meet the tolerance requirements for fluctuations in material performance due to different seasons or regions



10. The formula is flexible and highly adaptable

To meet the decoration and transformation needs of new buildings and existing buildings, polymer cement waterproof coatings are compounded into products of different grades in accordance with the requirements of the GB/T 23445-2009 standard for different application scenarios. According to different formula demand flexibility, ZX-FS-03 compound with a different liquid and powder mixture ratio (1 to 1.5 or 1:2.2), in order to meet the type II and type III, the strength and elongation of demand.



technological process

grassroots inspection

Check for dusting off base loose skin, empty drum, cracking phenomenon, check whether level off in 2 m ruler to check at the grass-roots level, level error is not more than 3 mm, the defect parts marked with chalk, in 1: 3 cement mortar or cement glue putty to repair, to maintain the basic surface level off is smooth, little round the corner to make smooth, reoccupy broom grassroots grey ballastless clean, requires no MingShui exist at the local level.

1.Mix JS waterproof coating

JS waterproof coating liquid and powder according to when the weight ratio of the scene with stirrer, stirring edge into powder, fully mixing crumb is not included in about 3 minutes until the paste.

Underlying coating weight ratio of liquid: powder: water = 10:7:14 upper and lower coating weight ratio of liquid: powder: water = 10:7:0-2 within the prescribed scope of water, slope, top surface facade construction should not add or less, planar construction can add some more

2. The first coat of base paint is applied

Apply the JS waterproof slurry directly to the base layer with a roller or brush. The coating should be uniform and consistent, and no areas should be missed.

3. Apply the second coat of the underlying paint

After waiting for the first time the bottom dry solid non-stick coating (under the condition of temperature is 20 °C outdoor, construction takes about 3 hours, not here here takes about 5 hours) to construction, blade coating 2 times lower JS waterproof coating, coating should be uniform coating, avoid local deposition, are expected to brush a few times more, leaving no air bubble between coating and base, and strong.

4. Laying fiberglass cloth

After completing the second time the lower coatings in the shop is stuck directly tensile enhancement layer 0.5 mm thick glass fiber cloth, require flat, glass fiber cloth evenly, root tube, Yin and Yang Angle labeled with 300 mm wide glass fiber additional layer

5. The third coat of the upper coating is applied

In the second time the lower coating dry solid rear upper coating construction, can be coated must be in accordance with the provisions, dosage of workers, avoid by all means is too thick or too thin

Quality requirements

ZX-FS-03 JS waterproof coating and adhesive must be firmly at the grassroots level shall not have crack, peeling, flowing, foaming, wrinkled skin phenomenon; The thickness meets the design requirements.

The surface is flat and smooth in both Yin and Yang.

JS - waterproof coating, after the completion of the construction for the top coating for 24 hours after dry solid water experiment, no leakage for qualified.