

Acrylic Emulsion Waterproof Coating

Description

The water-based coating which uses premium acrylic latex and additives as raw materials is high elastomeric coating. It can cure to form a seamless membrane over the substrates, and offers the unique ability to extend the life cycle of new and existing waterproof systems.

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

- ◆ High elastic, ductibility, and flexibility
- ◆ Excellent adhesion over brick, stone, concrete, wood, metal, rubber etc.
- ◆ Fungal and algae resistance
- ◆ Weathering and corrosion resistance
- ◆ Environment friendly, VOC free, non-toxic
- ◆ Non-odor, non-flammable, no pollutions; color selection and easy application



Technical Data: JC/T864-2008

No	Item	Index	
		I	II
1	Solid content, % ≥	65	65
2	Tensile strength, MPa ≥	1.0	1.5
3	Elongation at break, % ≥	300	
4	Low temperature flexibility	-10°C, no crack	-20°C, no crack
5	Water tightness, 0.3MPa * 30min	Impermeable	
6	Drying time, hours	Touch dry, ≤	4
		Hard dry, ≤	8
7	Retention of tensile strength, % ≥	Heat test	80
		Alkali test	60
		Acid test	40
		Accelerated weathering	--
8	Elongation at break, % ≥	Heat test	200
		Alkali test	
		Acid test	
		Accelerated weathering	--
9	Heating ductibility, % ≤	Extension	1.0
		Contraction	1.0

Packing

20kg/pail or customized

Application instructions

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 wide, shall be properly filled with an acceptable fill materials and level it.

Apply the coating by brush or roller or spray equipment to the substrate surface uniformly. Three or four coats are needed for dry film thickness 1.5-2.0 mm. Allow 6-12 hours drying between successive coats.

Coverage: 1.0 mm thickness dry film will cost coating at 1.8-2.0kg/m².

Storage

Recommended storage temperature is 5°C ~ 40°C; Stored in dry and ventilated conditions 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.