

ZX-FS-04

Acrylic Roof Coating

General

ZX - FS - 04 is a quality of roofing waterproof coating, using pure acrylic emulsion, organic silicon and other high quality materials, strong elasticity, strong resistance to ultraviolet, supplemented by polyester cloth, specially designed for all kinds of roofing waterproof and local design, such as roof, metal roofing overlap joints, joint, the roof and gutter, etc.

Composition

Acrylic Copolymer

Titanium Dioxide

Calcium Carbonate

Zinc Dioxide

Product properties

	item	standard code	
1	solid content	≥65	
2	tensile strength Mpa	no processing occurs, ≥1.5	
3	elongation at break %	no processing occurs.≥150	
4	Low-temperature bending property °C	-30℃.1h no cracks.not separate from the substrate	
5	watertightness	0.3min waterproof	
6	thermostability	90℃.5h No blistering ,peel off,crack	
7	Heating expansion rate	Elongat ion %	≤1.0
		cut down%	≤1.0

Application

performance feature

- Sustainable and durable waterproof system, saving on cleaning and treatment costs.
- Resist ultraviolet and infrared rays, and increase service life.
- High heat insulation capacity reduces energy consumption.
- Resistant to acid rain and other chemical pollution
- Non-combustible substrate, flame does not spread
- Good adhesion
- A variety of colors, perfectly matching the exterior decoration of buildings.
- It complies with the V.O.C. odor emission regulations and is sustainable for construction.
- Non-solvent formula, safe for construction, easy to apply and clean.
- The replaceable roof system never requires the removal of the original waterproof layer
- Wide application range: -30°C to 80°C

applied range

Range suitable for large-scale factory building roof, wall, such as steel mills, power plants, high buildings, and suitable temperature difference is bigger. Suitable for grass-roots: aging colored steel, concrete, SBS, floor tile, stone, glass, plastic, glazed tile roof gutter, aquarium and ancient buildings.

Exposed waterproof coating system, which has the following advantages:

super weatherability

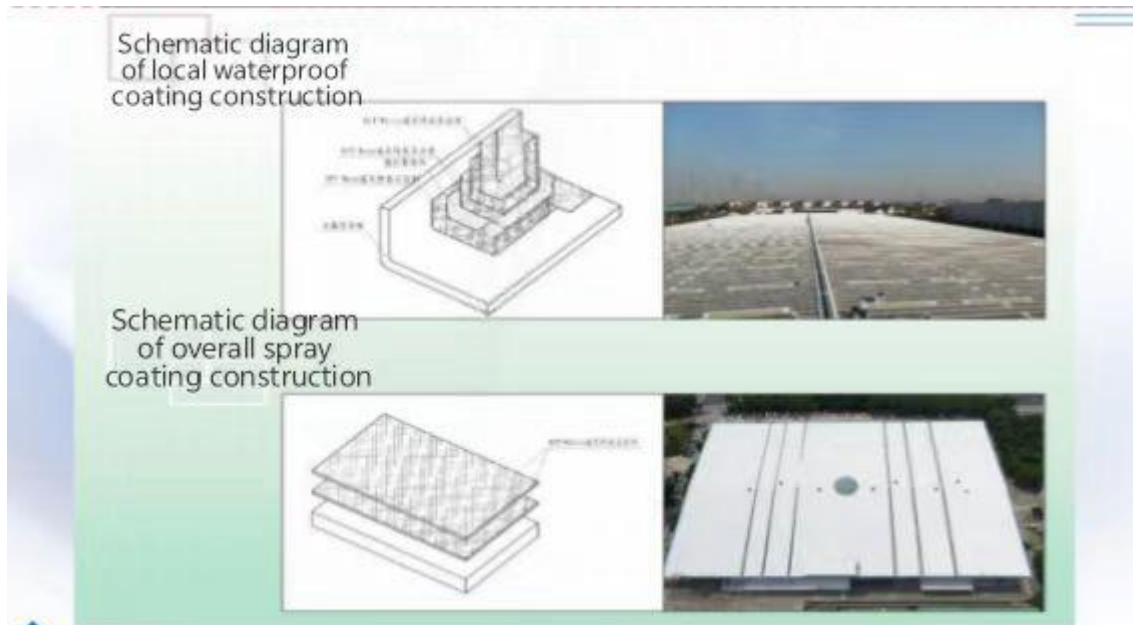
The waterproof coating system is adopted on the newly built roof system to provide double protection for the roof (it can be vividly described as putting on a "coat" for the roof) and enhance the weather resistance of the roof panels.

corrosion resistance

The application of a waterproof coating system in steel structure workshops can prevent roof rusting, effectively prevent corrosion from the roof surface during installation and use due to electrochemical reactions, secondary pollution, bird droppings, acid rain, etc., and increase the service life of the roof.

Roof energy conservation

Excellent albedo and high emissivity reduce the temperature of the roof panel and the indoor environment, saving 20% to 50% of air conditioning energy consumption, making the roof a truly energy-saving "cold roof".



Local waterproof coating construction process

1. After the base layer is cleaned thoroughly, lay the first layer of base coating. When the coating is still moist, place a non-woven fabric of the appropriate size on the base coating and apply the second layer of base coating to fully soak the non-woven fabric. The first and second layers of base coating and fabric are completed simultaneously in one go without any interval. The main task is to fix the sewn polyester fabric, which is the basic work of the construction.
2. After the base coating is completely dry (4 hours later), apply the third layer of exposed waterproof coating to strengthen the base coating and ensure the thickness of the coating.
3. After the base coating is completely dry (4 hours later), apply two layers of waterproof coating in two separate applications, with a time interval of at least 4 hours.
4. The ventilation equipment, roof outlet pipes, light-transmitting panels and other areas are also treated for waterproofing. After the waterproofing construction is completed with five coats and one cloth, the film thickness formed is approximately 1.0 to 1.2



Schematic diagram of the completion of overall spray coating construction

