

VX Guardian AcrySeal 200 is a water-based, weather resistance, one-component coating. It is made with acrylate copolymerization emulsion, high quality pigment, filler and the selected multiple-functional auxiliary, resulting in excellent elasticity, bonding strength, ultraviolet resistance and light reflective properties. It can provide long-lasting protection for various substrates.

TECHNICAL INFORMATION

Items	Technical index	Typical values
Solid content	50%	55%
Tensile strength	≥ 1.5MPa	1.8MPa
Elongation at break	250%	269%
Peel strength	≥ 0.3N/mm	0.66N/mm
Flexibility at low temperature	-30°C, No crack	-30°C, No crack
Heat resistance (90°C)	No blistering, flaking, cracking	No blistering, flaking, cracking
Water tightness (0.3MPa, 30min)	Impermeable	Impermeable

AREA of APPLICATION

It is suitable for color-coated metal roofing, directly exposed metal roofing waterproof engineering. It is also be used for concrete roof, aged asphalt roofing and other roofing system.

CHARACTERS & PACKING

Item	Data
Nature	One component
Appearance	Liquid
Color	White or other colors
Package	Plastic drum
Packing Size	20 kg per drum

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.



FEATURES & BENEFITS

- Easy to apply, ready to use, one component.
- Excellent adhesion to properly prepared construction surfaces.
- Cold flexibility (-30°C, No crack)
- Ageing resistance and UV resistant (no need for protective paints).
- Chemical resistance:
- Mildew and alga resistant.
- Eco friendly, safe, free from solvents and other harmful substances.

METHOD of APPLICATION

Coverage

It is 2.3kg/m²~2.5kg/m² for 1.0mm. Coverage rate will vary depending upon the substrate, its surface profile, and porosity. Rough substrates will require additional coating.

Construction Process

Surface Preparation→Additional layers of details→Waterproof layers of the entire area
→Quality inspection & acceptance

Application Instruction

Application: Construction temperature at 5°C ~35°C, relative humidity below 85%. Not suggest application in raining, snowing, and above force 5 windy day. Apply product with a brush, roller, or airless sprayer.

Substrate Preparation: Clean the surfaces thoroughly, ensure the surface to be coated is free of water, oil, dust, rust or other contaminants that may interfere with optimum adhesion. Fasten the loosen firmware, burnish the rusts. Primer should be applied when applied on the rusted damaged metal roof or concrete roofs.

Additional layers: All joints of the vertical and horizontal such as the roots of the vents, pipe corners and constructions with its fix part, should be treated reinforced with polyester fabrics. The fabric should be flat without corrugations, and fully coated to adhere tightly to the substrate. Keep no folds and edge warp.

Waterproof layers: For the entire area, waterproof coating should be applied in at least three times. After the first brushing, added the reinforced polyester cloth and fully immersed in the liquid coating, then brush a second coating, when curing after the last time construction. The construction interval is generally 12h, each time the thickness of film should be not more 0.5mm, and the brushing direction should be vertical to the previous one. The drying time depends on temperature and humidity. Expect prolonged drying time in environment of low temperature or high humidity.



TRANSPORTATION & STORAGE

Not flammable and explosive product, according to the general cargo transport. Stored in a cool and dry place under temperature of 5°C ~35°C, when less than 5°C take insulation measures.

Keep away from the rain, direct sunlight and cold.

Avoid collision and extrusion, packing is not damaged.

Quality guarantee period is 12 months from date of manufacturing under normal storage and transportation conditions.

PRECAUTIONS & LIMITATIONS

The unused coating shall be sealed and free of being polluted and dry skinning. There may be slight delamination before the coating is applied, and it can be used after mixing evenly. NO extra water is allowed.

Wear protection devices during the application. Wash eyes immediate if the paints enter into the eyes. Clean the applying equipment with water after construction.

Before fully drying, do not walk on the waterproof layer. Avoid damage and destruction.

No mix usage with other coating.

Please consult the Product Support for any specific questions regarding the application of this product

QUALITY, HEALTH & SAFETY

Please read the safety manual carefully, our security experts will be pleased to give you advises about safety, health and environmental issues.

PRODUCT RESPONSIBILITY

The above information and recommendations are based on our experience and for reference only, they can't replace the customers their own experimental results. Since our company, our representatives or distributors can't control the transport, storage, handling and use conditions of the products, the economic disputes and the quality accident caused by improper use can't be attributed to our suggest. In any application, the customer shall be responsible comply with obligations of third-party intellectual property rights. Without our consent, shall not provide technical information to third parties.