



Acrylic Metal Roof Waterproof & Anti-Corrosion Coating

Weather-Resistant Seamless Acrylic Waterproofing System

Product Description

The Acrylic Metal Roof Waterproof & Anti-Corrosion Coating is a high-performance water-based acrylic coating designed for metal roofing systems. It provides seamless waterproofing, strong adhesion, UV resistance and long-term weather protection. The cured acrylic film forms a durable, flexible and anti-corrosion barrier suitable for industrial, commercial and residential roofs.

Key Features & Benefits

- Acrylic-based, waterborne formulation for safety and eco-friendliness.
- Seamless waterproofing film with no joints or leaks.
- Excellent UV and weather resistance for long-term durability.
- Strong adhesion to galvanized steel, aluminum, concrete and tile substrates.
- Flexible, crack-bridging performance to absorb roof movement.
- Anti-corrosion protection to prevent rusting of metal surfaces.
- Easy application by brush, roller or spray.
- Shelf life: 12 months in unopened containers under cool, dry conditions.

Scope of Application

- Metal roofing waterproofing and anti-corrosion systems.
- Industrial workshops, warehouses, factories and logistics centers.
- Commercial buildings, stadiums and large-span roof structures.
- Residential buildings with metal or composite roofs.
- Roof renovation and restoration projects.

Construction Process

- Substrate preparation: remove rust, dust, oil and contaminants; ensure surface is clean and dry.
- Reinforce fasteners, seams and vulnerable details with primer or fabric if necessary.
- Mix coating thoroughly before application.
- Apply the first coat evenly with brush, roller or spray; allow 6–12 h drying depending on weather.
- Apply the second coat perpendicular to the first; ensure dry film thickness ≥ 1.0 mm.
- Allow ≥ 24 h curing before rainfall or ponding water exposure.
- Do not apply in rain, frost, or when substrate temperature is $< 5^{\circ}\text{C}$ or $> 35^{\circ}\text{C}$.

Packaging & Storage

- Supplied in 20 kg and 3 kg pails.
- Shelf life: 12 months in original unopened containers under cool, dry, ventilated storage.
- Avoid freezing, direct sunlight and exposure to flame.
- Once opened, use as soon as possible.

Disclaimer

The information in this Technical Data Sheet is based on laboratory testing and field experience and is provided in good faith. Sino-sina Building Materials Co., Ltd. makes no warranty for results obtained under conditions beyond

its control. Users should verify suitability through site testing before full-scale application.