

Sealoflex Water-Based Waterproofing System



Commercial Product Data Sheet

Product Description

The Sealoflex Water-Based Waterproofing System consists of a combination of a highly flexible base/saturation acrylic coating, a non-woven polyester fabric, and a UV-resistant top coating. The system forms a fully adhered, monolithic, durable, and flexible waterproofing membrane.

Product Uses

- Low slope and steep slope roofs
- Flashings of all types
- Parapet walls and coping waterproofing
- Sealing standing seam metal roofs
- Waterproofing over existing roof systems
- Exterior walls
- Waterproofing system for decks
- Waterproof and encapsulate asbestos roofs and walls

Advantages

- Ultraviolet and ozone resistant
- VOC compliant
- Available in numerous colors
- Applies easily to awkward areas, e.g., penetrations, vents, and skylights
- Excellent wind uplift resistance
- Salt spray resistant
- Good vapor permeability
- Excellent mildew and algae resistance
- Adheres to many roof or wall substrates
- Factory Mutual approved
- Energy Star approved
- Dade County, Florida approved
- Florida Power and Light (FPL) approved
- CRRC rated
- Title 24 compliant

Colors

White, Beige, Brown, Charcoal, Charleston Green, Pearl Gray, Slate Gray, Terra Cotta and Tinner's Red. Other colors available on request. Refer to the Color Selection Guide.

Packaging

5-gallon containers

Coverage Rates and Application

Refer to the Roof Installer's Guide

Storage

Product shelf life is 12 months from date on container. Shelf life will be reduced if product is stored at temperatures above 77°F (25°C). Store indoors in a closed container in a well-ventilated, cool, dry area away from heat, open fire, direct sunlight, oxidizing agents, strong acids, and strong alkalis. Materials stored on the job site during application should be kept on a pallet in a shaded, well-ventilated area. In unshaded areas, materials should be covered with a white, reflective tarp in a manner that allows air circulation beneath the tarp.

Instructions for Use

Surface Preparation

Surfaces must be clean and free of dust, loosely adhering particles, oil, grease, algae, mildew or fungal growth. Thoroughly stir the product before use. When using a mechanical mixer, do not over agitate. Over agitating will add air into the product, creating bubbles. After mixing, allow product to sit 5-10 minutes to allow trapped air to evacuate container to protect against product pinholes when applied. Acrylic products can be applied when the substrate temperature is between 45°F (8°C) and 130°F (55°C). Discontinue application when the substrate temperature is outside the ranges listed above. Provide adequate shade over the substrate area both prior to and during application as necessary to maintain substrate surfaces below 130°F (55°C).

Priming

Refer to the Sealoflex Primer Chart.

Cleaning

Water-based (acrylic) products can be cleaned with mineral spirits.

Important Notes

- Do not cover Sealoflex Water-Based Systems with stone chips, screeds, tiles, carpet, or soil. The Sealoflex CT System must be used in these cases.
- Do not apply Sealoflex if rain is imminent, at ambient temperatures below 45°F (8°C), or when the dew point is within 5 degrees of the ambient temperature.
- Although Sealoflex will last for 10 years and more, it is advisable to give the system a maintenance treatment of Finish Coat every five years.

Water-Based System

- Slight color variations between batch numbers can occur. Blend materials to ensure color consistency.
- The roof surface to which the Sealoflex Water-Based

System is being applied must have positive drainage. Roofs with ponding water require the use of the Sealoflex CT System or Enviroflex System.

Physical and Mechanical Properties

| Property (as Manufactured) | Value |
|--|--|
| Drying Time (Touch Dry) | 2 hours at 77°F and 50% RH |
| Full Cure | 7 days |
| Total System Thickness | 40 mils dft |
| System Weight | 0.30 lb./sq.ft. |
| VOC (Method 24) | < 40 grams/liter |
| Accelerated Weathering | 5,000 hours/Pass |
| Fungi Resistance (ASTM G21) | 0 Rating |
| Water Vapor Transmission Rate (ASTM E96) | 6.3×10^{-3} grains/ft ² /hr at 45 mils dft |
| Elongation (ASTM D412) | 60% (reinforced) |
| Tensile Strength (ASTM D412) | 3,100 psi (reinforced) |

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