

Highly Elastic, Liquid Applied, High Solids, Moisture Cured Waterproofing System

Commercial Product Data Sheet

Description

Sealoflex Enviroflex is a low VOC, high solids, single component, moisture cured waterproofing system. Utilizing modified silane technology, Sealoflex created a tough, flexible material which displays good UV, ozone and ponding water resistance. Enviroflex is used in conjunction with Sealoflex Fabric to form a fully adhered, monolithic roofing membrane. Enviroflex is also available in Flashing Grade for vertical surfaces.

Uses

- As a flat and low slope roof waterproofer
- As a below grade waterproofer
- As a waterproof liner for box gutters
- For flashings and parapet walls (Enviroflex Flashing Grade)

Advantages

- Complete system installs in a single operation
- May be applied to damp surfaces
- Ultraviolet and ozone resistant
- Excellent resistance to ponding water
- Fast curing
- Excellent low temperature flexibility
- Completely isocyanurate free
- Adheres to many roof or wall substrates
- Once cured, Enviroflex is resistant to animal fats as well as many other aggressive chemicals
- Very low VOCs
- CRRC Cool Roof rated
- Title 24 compliant

Color

White & Gray (Not tintable)

Note: To ensure color consistency between batches, blend materials.

Instructions for Use

Surface Preparation

Surfaces must be free of dust, loosely adhering particles, oil, grease, algae, mildew or fungal growth.

Prior to installing the Enviroflex System over existing roofing membranes, surfaces must be washed with a mild detergent then rinsed with clean water. Allow to dry before priming.

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.

Priming

Unpainted Metal, Concrete, Masonry, Cellular Lightweight Concrete, Glass Ceramic Tile and Hypalon: No priming is necessary.

Treated or Untreated Wood: Prime with EP1 Primer only to prevent tannin staining.

Smooth Modified, Granular Modified, Asphalt, EPDM Black, EPDM White, and Aged PVC: Prime with EP1 Primer.

Apply the Enviroflex System within 48 hours after priming.

Application and Coverage Rates

Refer to Roof Installer's Guide.

Cleaning

Uncured Enviroflex can be dissolved with Envirocleanse.

Cured Enviroflex can only be removed mechanically.

Storage

Unused material: To extend potlife of opened pails, pour 1/32" to 1/16" film of mineral spirits on top of the unused product before closing the lid for storage. When re-opening, if a skin has formed, simply remove the skin and stir before use. Do not over agitate. Over agitating will add air into the product, creating bubbles.



Physical and Mechanical Properties

Property	Value
Type	Reinforced Synthetic Polymer
Shelf Life and Storage Conditions	6 months if unopened between +40°F & 90°F
Application Temperature	+32°F to 105°F (Ambient) +32°F to 130°F (Surface)
Total System Thickness (Smooth Surface)	45 mils@35 sq. ft./gal. 53 mils@30 sq. ft./gal.
System Weight	0.36 lb./ ft. @ 35 sq. ft./gal. 0.42 lb./ ft. @ 30 sq. ft./gal.
Trafficable	After 4 hours
Drying Time (Touch Dry)	3 hours at 70°F and 50% RH
Full Cure	28 days
Solar Reflectance (ASTM C1549)	0.83
Thermal Emittance (ASTM C1371)	0.91
SRI: Solar Reflectance Index (ASTM E1980)	104
Initial Tensile Strength (psi)	550
Permeance (perms) (ASTM D1653)	8
Water Swelling (% mass) (ASTM D471)	2
Low Temperature Flexibility (ASTM D522)	Pass
Accelerated Weathering (ASTM D 4798)	Pass
Packaging	4 gallon containers