

# Enviroflex™

## Highly Elastic Waterproof Moisture Cure Roof System

### Description

Sealoflex Enviroflex™ is a solvent free, 100% solids, single component, moisture cure roof coating. It is a tough, flexible material which displays good UV and ponding water resistance. Enviroflex™ is generally used in conjunction with Sealoflex™ polyester reinforcing fabric to form a fully adhered single ply roofing membrane.

### Uses

Enviroflex™ is used:

- As a flat roof and balcony deck waterproofer
- For flashings & parapet walls
- As a below grade waterproofer for positive and negative pressure heads
- As a waterproof liner for box gutters

### Advantages

Enviroflex™ displays the following advantages:

- Complete system applies in 1 operation.
- May be applied to damp surfaces
- Ultra Violet and Ozone resistant
- Excellent resistance to ponding water
- Fast curing and may be applied at low temperatures
- Excellent low temperature flexibility
- Withstands negative head pressure in basement applications
- Completely solvent and isocyanurate free
- Adheres to almost any roof or wall substrate including stucco, concrete, metal, brick, wood, asphalt, etc.
- Once cured, Enviroflex™ is resistant to animal fats and many other aggressive chemicals
- No VOCs

### Color

White & Gray (Not tintable)



### Instructions for Use

#### Surface Preparation

Surfaces must be 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 entrain air.

#### Priming

*No priming is necessary for:*

Fully adhered acrylic roof coatings, aged EPDM\*, concrete/masonry, fiberglass, all metals, aged TPO\*, treated and untreated wood\*\*.

*Prime first with Enviroflex EP-1™:*

PVC Single Ply and Modified Bitumens

**\*NOTE:** It is recommended that a small test area be applied and allowed to cure for 72 hours prior to application over the entire roof area.

**\*\*NOTE:** Prime with EP-1™ over these surfaces is to prevent the possibility of discoloration.

#### Application

Apply a base coat of Enviroflex™, 4" or 6" flashing fabric, and a saturation coat of Enviroflex™ to all board joints, flashings and penetrations. Allow to dry.

#### Roof Surface:

Apply a moderate "base coat" of Enviroflex™ to the entire roof surface with brush, foam roller or spray\* and embed the Sealoflex fabric™ directly into the wet coating, using a roller. Make sure no bubbles or wrinkles occur in the fabric. Overlap of adjacent runs of fabric must be 3". Immediately follow with a generous "saturation coat" of Enviroflex™ to fully saturate the fabric from above and finish the application. Allow to cure. The total application rate of Enviroflex™ should be approximately 35 sq. ft./gal. for smooth surfaces and approximately 30 sq. ft./gal. for granular surfaces. (Refer to "Coverage Rates") For optimal ease of application, the Enviroflex™ product should be above 55°F. Apart from storing in a warm location, the product can be warmed by using an electrically powered pail heater (available from Sealoflex).

#### Do not apply over frozen matter.

**Note:** In conditions of relative humidity less than 25%, mist spray clean water onto the product surface after application to dampen the surface to facilitate quicker curing when required.

**\* Contact the Sealoflex Technical Department for spray information.**

## SEALOFLEX INC.

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### SALES OFFICE

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## Waterproofing Systems

### LIMITED WARRANTY

Sealoflex warrants its products to be free of manufacturing defects and that they will meet Sealoflex's current published physical properties when applied in accordance with Sealoflex's directions. There are no other warranties by Sealoflex of any nature whatsoever, expressed or implied, including any warranty of merchantability of fitness for a particular purpose in connection with this product. Sealoflex Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.

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### Coverage Rates (Approximate)

#### Full System reinforced:

Smooth Surfaces: 35 sq. ft./gal.  
Granular Surfaces: 30 sq. ft./gal.

#### Coating Plus:

Smooth Surfaces: 70 sq. ft./gal.  
Granular Surfaces: 50 sq. ft./gal.

#### Unreinforced over metal:

120 sq. ft./gal.

#### 4" Fabric:

Smooth Surfaces: 105 lin. ft./gal.  
Granular Surfaces: 90 lin. ft./gal.

#### 6" Fabric:

Smooth Surfaces: 70 lin. ft./gal.  
Granular Surfaces: 60 lin. ft./gal.

### Cleaning

Uncured Enviroflex™ can be dissolved with Naphtha or mineral spirits. Cured Enviroflex™ can only be removed mechanically.

*Unused material:* To extend potlife of opened pails, pour 1/32" to 1/16" film of Naphtha or mineral spirits on top of the unused product before closing the lid for storage. When re-opening to use, if a skin has formed, simply remove the skin and stir before use, being sure not to entrain air.

### Precautions

Read the MSDS sheet on Enviroflex™ carefully before application. Avoid contact with eyes and skin. If eyes become contaminated flush with water for at least 15 minutes. If ingested do not induce vomiting and seek medical attention immediately.

### Technical Data

Type:	Reinforced Synthetic Polymer
Shelf Life and Storage Conditions:	12 months if unopened between +40°F & 90°F
Application Temperature:	+40°F to 105°F (Ambient) +40°F to 130°F (Surface)
Total System Thickness:	53 mils @ 30 sq. ft./gal. 45 mils @ 35 sq. ft./gal. 32 mils @ 50 sq. ft./gal. 23 mils @ 70 sq. ft./gal.
System Weight:	0.42 lb./ ft. @ 30 sq. ft./gal. 0.36 lb./ ft. @ 35 sq. ft./gal.
Trafficable	After 3 hours
Drying Time (Touch Dry):	2 hours at 70°F and 50% RH
Elongation (ASTM D6083):	41% (reinforced)
Tensile Strength (ASTM D6083):	2,390 psi
Packaging:	1 gallon and 4 gallon containers

For this and/or related products, please refer to individual product data sheets, System Application Guides, Products MSDS, Primer Chart, Fabric Chart.

**IMPORTANT NOTE:** Always check our website, [www.sealoflex.com](http://www.sealoflex.com) to determine if the printed literature you are reading is the most current version available.