



U.S Patent #'s: 9,409,344, 9,517,587, and 10,081,742.
Other U.S and Canadian patents pending.

Product Name: ES-100™ – The EnviroSTIX™ 100% RH Moisture Barrier System

Product Description:

EnviroStix™ Adhesive is the patented proven innovative pre-applied, pre-cured, poly-acrylic adhesive system. It is a virtually free VOC product, that demonstrates high moisture & alkali resistance, featuring aggressive peel strength and is very easy to install. This adhesive offers immediate access to the job site as soon as the flooring is installed. Combined with (2) coats of the Moisture Barrier Primer below our system, allows for no PH Limitations, use on projects up to 100% RH and a 10-year limited warranty. This adhesive is formulated specifically to resist plasticizer migration that allows installation of a broad variety of resilient flooring on the market.

ES-MBP (Moisture Barrier Primer) is the advanced solvent free, water free, fast curing, easy to spread, one component, premium moisture barrier and primer suitable for pre-treating porous and non-porous subfloors, prior to application of EnviroStix adhesive. This system is proven to be a solution to block moisture up to 100% RH when (2) coats are used in combination with our EnviroStix™ adhesive. To maintain our warranty the system must be bought together through Base King, LLC with a project name specified.

EnviroSTIX™ System Components:

Product	Description	Product Weight
EnviroSTIX™ Adhesive	<p>EnviroSTIX™ applied poly-acrylic pre-applied adhesive.</p> <p>No dry time = Faster Installation. Sold/ sqft.</p> <p><i>Note: Use of the below Moisture Barrier Primer is mandatory to maintain your warranty.</i></p>	1 ounce per sqft
Moisture Barrier Primer – 2.5 Gal units	<p>2.5 Gallon – Moisture Barrier Primer.</p> <p>Estimated spread rate: 1,500 sqft spread per 2.5-gal unit 600 sqft spread per 1 gallon</p> <p><i>Note: Spread may be greater depending on the job site conditions</i></p>	26 lbs. packaged

EnviroStix Adhesive

Adhesive Construction

- Adhesive : Acrylic Dispersion
- Carrier : Cross-directional Scrim
- Adhesive : Acrylic Dispersion
- Liner : White or Brown Paper



ES-100 System Specification (Cont'd):

ES-100™ System Specification Guide

“The fastest, pre-applied adhesive, moisture blocking system on the market.”

Application:

EnviroSTIX™ Adhesive is used for bonding resilient flooring to a clean concrete substrate and/or on top of a clean non-porous surface like VCT. It is used for projects that demand a faster, cleaner, odor free, moisture resistant installations up to 100% RH when used in combination with (2) coats of the ES-MBP. (See installation page and/or a Base King, LLC Technician for details on approved surfaces.)

ES-MBP (Moisture Barrier Primer) is suitable for:

- **Pre-treating** porous and non-porous subfloors, prior to application of EnviroStix adhesive.
- **Block moisture** up to 100% RH with (2) coats on Cement, cement screed, and other non-moisture sensitive subfloors.
- **Neutralize PH** on the substrates surface prior to installation
- **Quick Dry Time:** ES-MBP cures in as little as 40-60 min per coat. (Job site conditions may increase or decrease the dry time.)
- **Radiant Heated Floors** up to 85% RH with (2) coats on systems that have been turned on for 7 days prior to install. (See full installation instructions)

Mandatory Products:

ES-MBP is mandatory to use in combination with **EnviroSTIX™** adhesive to maintain the 10-year limited warranty and must be bought as a system from Base King with a job site name stated on the PO.

Base:

EnviroSTIX™ Adhesive is a Solvent Free, Acrylic Dispersion
ES-MBP is a Solvent Free, Polyurethane Resin

Appearance:

EnviroSTIX™ Adhesive is clear adhesive with a diamond stripped pattern scrim.
ES-MBP is a thin dark translucent layer when dry, if spread correctly.

Installation Method:

EnviroSTIX™ Adhesive is pre-applied by machines in our warehouse. Your materials will be ready to install upon arrival, with a peel and bond, clean, fast, and easy application. **(NO dry time = Immediate access)**

ES-MBP is an easy roll on application. All you need is a 5-gallon bucket with a paint roller tray and a ¼" epoxy roller with handle. Install as described in the installation guide and let the first coat completely dry before adding a second coat and/or before installing your flooring materials. **40-60-minute** dry time per coat on average depending on your substrate and the moisture content.

Shelf Life:

EnviroStix™ Adhesive Modular: 10-years

NOTE: Flooring Manufacturer recommendations for shelf life supersede our recommendations. Recommended Storage temperatures must be maintained.

EnviroStix™ Adhesive Rolled Goods: Rolled goods are recommended to be installed within 90 days. Call for storage instructions if they need to be stored longer.

ES-MBP: 6 months after opened on the installation **or** 1-year unopened container at 70°F / 21°C from the factory date.

Lead Time:

Average lead time is **1-2 weeks**. The size of the project and freight time will effect the lead time. See your sales associate to check the production schedule.

ES-100™ System Specification Guide

“The fastest, pre-applied adhesive, moisture blocking system on the market.”

Tech Data / Testing Info: EnviroSTIX Adhesive		Tech Data / Testing Info: ES-MBP	
Basis:	Solvent Free, Acrylic Dispersion	Basis:	Solvent Free, Polyurethane Resin
Color:	Clear with Integral Scrim	Color:	Dark Translucent Coat
Thickness	5mil – 7mil	Density @ 68°F / 20°C:	1.17g/cm ³
Adhesive Carrier	Integral Scrim	Melting Point / Melting Range:	50°F / 10°C
Covering Materials	Release Paper	Boiling Point / Boling range:	664° / 351°C
Peeling Resistance	AFERA 4001 P11 – 30N / 25 mm or 174 psi	Flash Point:	410° F / 210°C
Tear Resistance	DIN 53112	Mixing Ratio:	One-part component
Elongation at Break	DIN 53112	Storage Temperature:	70°F / 21°C
Moisture Resistance with (2) coats of ES-MBP. ASTM F2170)	Up to 100.0% RH In-Situ	Moisture Resistance with (2) coats. ASTM F2170)	Up to 100% RH
Surface PH Range <u>without</u> Primer (ASTM D4262)	7-14 (No PH Limitation when using ES System Primers)	Surface PH Range <u>with</u> Primer (ASTM D4262)	No PH Limitation (Neutralizes the PH of the substrates surface.)
VOC Content Calculated (SCAQMD1113)	0 g/l (out of 50 g/l Allowable VOC Content)	VOC Content Calculated (SCAQMD1113)	0 g/l (out of 50 g/l Allowable VOC Content)
Installation Temperature Range	45° - 90° F - Flooring Manufacturers recommendations supersede ours.	Installation Temperature Range	60° - 75° F - Flooring Manufacturers recommendations supersede ours.
Manufacturer Warranty	10-year Limited warranty.	Manufacturer Warranty	10-year Limited warranty.

For Technical Specific Questions Contact:

To find a sales rep in your area contact:

Bill Wiese -- (608) 434-1104 – bill@baseking.com

Denelle Nuñez -- (706) 278-2604 – denelle@baseking.com