

ES-System™ Specification Guide

“The high moisture resistant, quick access, pre-applied adhesive system solution”

Product Name: ES-System – The EnviroStix™ Classic Adhesive System

Product Description:



U.S Patent #'s: 9,409,344, 9,517,587, & 10,081,742.

Other U.S and Canadian patents pending.

EnviroStix™ Adhesive is the patented, proven innovative pre-applied, pre-cured, poly-acrylic adhesive system. It is a virtually VOC free 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 the ES-P (EnviroStix Primer) below our system, allows for no PH Limitations, use on projects up to 99.0% 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.

- r) is our solvent free, VOC free, pre-mixed universal acrylic primer suitable for pre-treating floors, prior to application of EnviroStix adhesive on porous and non-porous substrates approved by Base King’s installation guidelines.

EnviroSTIX™ System Components:

Product	Description	Product Weight
EnviroSTIX™	EnviroSTIX™ pre-applied poly-acrylic adhesive. Sold per sqft. Note: Use of ES-P is mandatory to maintain your warranty.	1 ounce per sqft
ES-P: EnviroSTIX™ Primer – 2.5 Gal	2.5 Gallon - EnviroSTIX™ Primer: A pre-mixed acrylic roll on primer. No PH limitations. 300 sf/ ½ gal, 600 sf/ 1 gal, 3,000 sf / 5-gal unit. Spread rate will vary depending on jobsite conditions.	45 lbs. packaged

EnviroStix Adhesive

Adhesive Construction



Dispersion
Carrier
Dispersion

Adhesive : Acrylic
: Cross-directional Scrim
Adhesive : Acrylic

Liner : White or Brown Paper

EnviroSTIX™ Product Specification (Cont'd):

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, no smell, & moisture resistant installations. For use up to 99.0% RH with (2) coats of the ES-P. (See installation page and/or a Base King, LLC Technician for details on approved surfaces.)

ES-P (EnviroSTIX™ Primer) features include:

- Improves adhesive bonding properties
- excellent dust binding
- ready- to use
- fast drying
- Zero VOC's

Mandatory Products: ES-P (EnviroSTIX™ Primer) is mandatory to use in combination with our EnviroSTIX™ Adhesive to maintain the 10-year limited warranty unless material is going over an approved existing non-porous flooring.

Base: EnviroSTIX™ Adhesive is a Solvent Free, Acrylic Dispersion
ES-P (EnviroSTIX™ Primer) is a Solvent Free, Acrylic

Appearance: EnviroSTIX™ Adhesive is clear adhesive with a diamond stripped pattern scrim.
ES-P (EnviroSTIX™ Primer) is light blue

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

ES-P (EnviroSTIX™ Primer) is an easy roll on application. All you need is a painter's tray and a 3/8" nap roller (or similar) with handle. Install as described in the installation guide and let the coat completely dry before installing your flooring materials. (30-40-minute dry time on average depending on your substrate and the moisture content.)

Shelf Life: EnviroStix™ Adhesive Modular: 10-years Limited Warranty

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EnviroStix™ Adhesive Rolled Goods: 10 years Limited Warranty (For ease of installation we recommend rolled goods to be installed within 90 days. Call for storage instructions if they need to be stored longer.)

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

30 days after opened on the installation or 6 months unopened depending on storage conditions 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.

Technical Data:

Tech Data / Testing Info:	EnviroStix Adhesive Results	Tech Data / Testing Info:	ES-P (EnviroSTIX™ Primer) Results
Basis:	Solvent Free, Acrylic Dispersion	Basis:	Solvent Free, Acrylic
Color:	Clear with Integral Scrim	Color:	Light Blue
Thickness	5mil – 7mil	Density:	1.0 kg/l
Adhesive Carrier	Integral Scrim	LEED Content (EQc2 low emitting Materials)	IEQ 4.2 Low-Emitting Materials Paints and Coatings – 1 point
Covering Materials	Release Paper	Mixing Ratio:	Pre-Mixed
Peeling Resistance	AFERA 4001 P11 – 30N / 25 mm or 174 psi	Storage Temperature:	Not below 5° C (41° F) <small>(Flooring Manufactures recommendations supersede ours)</small>
Tear Resistance	DIN 53112	Coverage per 1 GAL	600 sf (Varies per Job site)
Elongation at Break	DIN 53112	Coverage per 5-Gal unit	3000 sf (Varies per Job site)
Moisture Resistance <u>with</u> primer (ASTM F2170)	Up to 99.0% RH In-Situ with 2 coats of ES-P.	Moisture Resistance ASTM F2170)	Moisture Resistant (Allows free passage of moisture)
Surface PH Range <u>with</u> Primer (ASTM D4262)	7-14 (No limit when used in combination with ES-P)	Surface PH Range (ASTM D4262)	ES-P Neutralizes the substrates surface PH)
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° to 90° F <small>(Flooring Manufactures recommendations supersede ours)</small>	Working Temperature (minimum)	60° - 75° F (15° - 24° C), not below 5° C (41° F) <small>(Flooring Manufactures recommendations supersede ours)</small>
Manufacturer Warranty	10-year Limited warranty.	Manufacturer Warranty	10-year Limited warranty.

For Technical Specific Questions Contact:

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To find a sales rep in your area contact:

Visit <https://www.baseking.com>