



System: E.Proformance

Former System Name: System III-CW

Application: Walls

System Thickness: 70 mils

	1st Layer	2nd Layer	3rd Layer
Product Name	e.spray 60 mils	e.shield 110	e.drain
Former Name	Ecoline-S	Ecoshield-E10	Ecodrain-E

DESCRIPTION

E.Proformance Wall is a redundant field-installed composite waterproofing, methane gas, and vapor intrusion barrier for below grade post applied vertical wall protection. When used in conjunction with the E.Proformance Underslab system, a single source warranty is available for both waterproofing, and contamination such as, methane gas, volatile organic compounds (VOC's), or aeromantic hydrocarbons. E.Proformance Wall can also be applied without an underslab barrier for sites with minimal waterproofing risk, or in conjunction with other E.Series systems when above the design water table.

E.Proformance Wall is compatible with all different types of over excavated wall construction, two-sided formed, one-sided shotcrete, precast concrete, insulated concrete forms (ICF), and concrete masonry units (CMU).

BENEFITS

- Fully Bonded: Fully bonds with vertical foundation wall.
- Chemically Resistant. Provides chemical resistance to a wide range of contaminants commonly found in soil and groundwater.
- Seamless. Composite field-installed membranes do not contain a continuous seam.
- Fast Installation: Less weather sensitivity compared to comparable competitive systems.

LIMITATIONS

- Not designed for sites with constant hydrostatic pressure.
- Designed for over excavated walls less than 20 feet in height.
- This system does not contain a continuous layer of bentonite.
- Extreme weather conditions can impact installation methodology.

SPECIFICATIONS, DRAWINGS, AND TECHNICAL ASSISTANCE

The most current specifications and drawings can be found on www.eproinc.com. For project specific details contact EPRO directly, or the local EPRO representative.

Site conditions, performance goals, and budget determine which system is more appropriate for a given project. For more information regarding product performance, testing, plan review, or general technical assistance, please contact EPRO.

WARRANTY

EPRO provides a wide range of warranty options for E.Series systems. For a project to be eligible for any warranty option beyond a 1-year material warranty, an EPRO Authorized Applicator must be used and the project must be registered and approved by EPRO prior to the commencement of any product application.

Warranty options available for this system include:

- Material warranty
- E.Series Labor and Material Warranty
- E.Assurance No-Dollar-Limit Warranty

For information relating to EPRO's E.Assurance warranty program, contact EPRO. All E.Assurance no-dollar-limit labor and material warranties are approved on a project by project basis. E.Assurance warranties are available for deck applications when E.Series systems are used on the below-grade envelope.

PROPERTIES	TEST METHOD	VALUE
Tensile Strength	ASTM D412	926.05 psi
Elongation	ASTM D412	763%
Adhesion to Concrete	ASTM D903	20.0 lbf/in
Puncture Resistance	ASTM D1709	81.3 lbf
Hydrostatic Head Resistance	ASTM D5385	100 psi (231 ft)
Water Vapor Transmission	ASTM E96	.07 perms
Methane Transmission	ASTM D1434	Passed