



System: E.Protect

Former System Name: System III-CW

Application: Walls

System Thickness: 95 mils

	1st Layer	2nd Layer	3rd Layer
Product Name	e.spray 80 mils dry	e.shield 115	e.drain 6000
Former Name	Ecoline-S	Ecoshield-E15	Ecodrain-S 6000

DESCRIPTION

E.Protect Wall is a redundant field-installed composite waterproofing, methane gas, and vapor intrusion barrier for below-grade post-applied vertical wall protection. Ideal for below-grade building foundations requiring underslab waterproofing protection, but where site conditions or budget considerations might not require an additional layer of bentonite protection. E.Protect Wall can be used in conjunction with other E.Series systems and is designed to handle a wide variety of positive side wall conditions, while providing enhanced protection against common backfill materials.

E.Protect 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

- 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.
- Fully Bonded: Fully bonds with vertical foundation wall.
- Fast Installation: Less weather sensitivity compared to comparable competitive systems.
- Designed for over excavated walls of any depth

LIMITATIONS

- A protective bentonite layer is not included in this system configuration.
- 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	1027.7 psi
Elongation	ASTM D412	664%
Adhesion to Concrete	ASTM D903	20.0 lbf/in
Puncture Resistance	ASTM D1709	57.2 lbf
Hydrostatic Head Resistance	ASTM D5385	100 psi (231 ft)
Water Vapor Transmission	ASTM E96	.0374 perms