



System: E.Protect

Former System Name: System III-BS

Application: Deck

System Thickness: 95 mils

	1st Layer	2nd Layer	3rd Layer
Product Name	e.spray 120 mils reinforced	e.shield 115	e.drain 6000
Former Name	Ecoline-S	Ecoshield-E15	Ecodrain-S 6000

DESCRIPTION

E.Protect Deck is a redundant field-installed composite deck waterproofing system for traditional podium deck applications. Ideal for deck applications sloped to area drains with a minimum slope of 1/8" per lineal foot, E.Protect Deck provides a fluid applied deck assembly that is reinforced, and can be applied in less than ideal weather conditions.

E.Protect Deck can be used in conjunction with concrete topping slabs, pedestal and paver systems, green roofs, and planters.

BENEFITS

- Seamless: Composite system is fully bonded to the substrate without a single seam.
- Reinforced: e.spray layer is reinforced to provide increased strength and protection
- Redundant: Multiple layers provide redundant protection.
- Fast Installation: Less weather sensitivity compared to comparable competitive systems, and does not require additional protection prior to the placement of concrete.

LIMITATIONS

- This configuration does not contain a thermally welded protection layer.
- A zero slope deck is not recommended.

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	801.8 psi
Elongation	ASTM D412	996%
Adhesion to Concrete	ASTM D903	20.0 lbf/in
Puncture Resistance	ASTM D1709	143.9 lbf
Hydrostatic Head Resistance	ASTM D5385	100 psi (231 ft)
Water Vapor Transmission	ASTM E96	.0374 perms