



System: E.Protect+

Former System Name: System III-RDBH

Application: Deck

System Thickness: 136 mils

	1st Layer	2nd Layer	3rd Layer
Product Name	e.spray 120 mils reinforced	e.base 316	e.drain 6000
Former Name	Ecoline-S	Ecoshield-H16	Ecodrain-S 6000

DESCRIPTION

E.Protect+ Deck is a redundant field-installed composite deck waterproofing system for traditional podium deck applications. Designed for projects where performance is paramount, E.Protect+ Deck combines the benefits of a thermoplastic membrane protection course with two layers of reinforced monolithic fluid applied membrane. 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

- 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	701.1 psi
Elongation	ASTM D412	1002%
Adhesion to Concrete	ASTM D903	20.0 lbf/in
Puncture Resistance	ASTM D1709	162.4 lbf
Hydrostatic Head Resistance	ASTM D5385	100 psi (231 ft)
Water Vapor Transmission	ASTM E96	.0374 perms