E.Protect+ Wall

**DESCRIPTION**

E.Protect+ Wall is a redundant field-installed composite waterproofing, methane gas, and vapor intrusion barrier for below-grade post applied vertical wall. Designed to provide the most redundant and highest level of below grade building protection of the E.Series systems, E.Protect+ Wall provides un-paralleled protection with a fully bonded system to the substrate and utilizes all three types of waterproofing: spray applied polymer modified asphalt, bentonite, and a polyolefin sheet. E.Protect+ Wall is designed for projects that require the highest level of performance.

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 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.
- Continuous Active Protection: The bentonite layer creates a uniform self-sealing membrane.

**LIMITATIONS**

- Sites with brackish water and/or contamination will require compatibility testing to determine the appropriate use 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.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TEST METHOD</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>Tensile Strength</td>
<td>ASTM D412</td>
<td>196 psi</td>
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<tr>
<td>Elongation</td>
<td>ASTM D412</td>
<td>351%</td>
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<tr>
<td>Adhesion to Concrete</td>
<td>ASTM D903</td>
<td>20.0 lbf/in</td>
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<tr>
<td>Puncture Resistance</td>
<td>ASTM D1709</td>
<td>65.5 lbf</td>
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<tr>
<td>Hydrostatic Head Resistance</td>
<td>ASTM D5385</td>
<td>100 psi (231 ft)</td>
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<tr>
<td>Water Vapor Transmission</td>
<td>ASTM E96</td>
<td>.0374 perms</td>
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