

Does A Lot More Than Provide Protection



High Strength Laminated Polypropylene Geomembrane

- High puncture resistance (Class A rating)...provides maximum protection and durability.
- Impermeable to water and gases (methane).
- Provides an excellent substrate for grouts, mortar and concrete to adhere to.
- Large roll sizes (10'x200') minimize seams.
- Reinforces the spray or fluid applied membrane.

PROPERTIES	TEST METHOD	ECOSHIELD-P
Grab Tensile Strength	ATSM D-4632	120 lbs.
Grab Tensile Elongation	ATSM D-4632	50%
Mullen Burst	ATSM D-3786	240 psi
Puncture	ASTM D-4833	70 lbs
UV Resistance	ASTM D-4355	70% (after 150 hrs. exposure)
Light Reflectance	ASTM E-97	+70%

APPROVALS: City of Los Angeles Research Report #25478 for methane barrier.

Packaging Size: 10' x 200', **Weight:** 91.5 lbs.

EPRO SERVICES
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ECOSHIELD-P Specifications

1. PRODUCT NAME

ECOSHIELD-P

2. MANUFACTURER

EPRO SERVICES, INC.
P.O. Box 347
Derby, KS 67037
PHONE: 800-882-1896
FAX: 316-262-2529

3. PRODUCT DESCRIPTION

Basic Use:

ECOSHIELD-P has been specifically designed to provide cost effective and high performance protection for the waterproofing membrane on horizontal waterproofing applications. The fabric also provides an excellent substrate for thin set grouts, mortar and concrete to bond to. When used in detailing of specific water penetration points (i.e. cold joints, footings, and pipes), it enhances the tensile strength of the other detailing products. It is also to be used as a superior performing vapor and gas barrier underslab.

Composition:

ECOSHIELD-P is an extremely tough, high strength geomembrane made from reinforce the lamination of a polypropylene film and fabric.

Benefits:

- Impermeable to water...offers additional relief from hydrostatic water pressure and resistance to earth contaminants.
- Provides better cured grout, mortar & concrete by retaining a water line.
- Minimal seams with 10'x200' rolls.
- High puncture resistance protects waterproofing from subsequent construction damage.
- Excellent substrate for grout, mortar and concrete to adhere to.

Limitations:

- Should be stored out of weather.
- Should not be used in lieu of high-flow drainage mat if it is required.

4. TECHNICAL DATA

Properties: See chart

Coverages: See chart

Specification Writer:

Contact EPRO Services before writing specifications on this project. Test information available upon request.

5. INSTALLATION

Preparation & Application: Should be applied in accordance with specific application guide specifications.

Tools: No special tools required for installation.

6. AVAILABILITY AND COST

Contact the local distributor or Authorized Applicator for availability and cost.

7. WARRANTY

Limited Warranty: EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO's liability shall be limited in all events to supplying sufficient product to retreat the specific areas to which defective product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors.

8. MAINTENANCE

No maintenance required.

9. TECHNICAL SERVICES AND INFORMATION

Complete technical services and information are available from EPRO Services.

