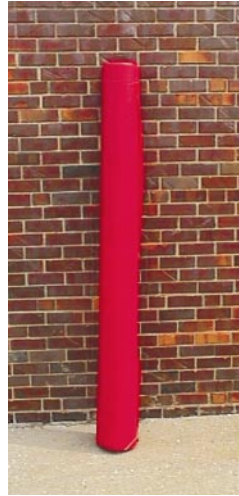


# ECOSHIELD-E10 Sheet Membrane

**IS TOUGH TO BEAT FOR PROTECTION**



## High Strength Polyethylene Geomembrane Protection

- High puncture resistance ... has six times the puncture resistance of extruded foam board.
- Impermeable to water ... additional relief from hydro-static water pressure, resistance to contaminants.
- Durable ... resistant to installation and backfill damage.
- 12' x 150' rolls minimize seams.
- Protects membrane, acts as slip sheet for backfill and drainage mat.

### PROPERTIES

Puncture Resistance: ..... 70.7 lbs  
Tensile Strength: ..... 25.2 lbs @ 820% MD  
Tear Resistance: ..... 6.12 lbs MD  
Low Temperature: ..... Resistant to -105°C  
Impervious to Water  
Chemical Resistance: ..... Excellent

### Meets or exceeds American Standard Testing Material (ASTM) Specifications:

ASTM D-1248 Standard Specification for polyethylene plastic  
ASTM D-2103 Standard Specification for polyethylene film and sheeting  
ASTM D-4397 Polyethylene sheeting for construction, industrial and agricultural application  
ASTM E-154 Materials for use as vapor barriers under concrete slabs and as ground cover in crawl C-156 spaces

### Packaging

Available in the following roll dimensions: (1) 12' x 150' (2) 10' x 150'

**EPRO SERVICES**  
P.O. Box 347  
Derby, KS 67037 USA



Phone: 800-882-1896  
Fax: 316-262-2529

# ECOSHIELD-E10 Specifications

## 1. PRODUCT NAME

### ECOSHIELD-E10

## 2. MANUFACTURER

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

## 3. PRODUCT DESCRIPTION

**Basic Use:** ECOSHIELD-E10 has been specifically designed to provide cost effective and high performance protection for the waterproofing membrane on vertical below-grade water proofing applications. It also acts as a slip sheet for backfill and as a secondary independent waterproofing membrane. When used in detailing of specific water penetration points (i.e. cold joints, brick ledges, pipes), it enhances the tensile strength of the other detailing products. It may also be used as a superior performing vapor barrier underslab.

**Composition:** ECOSHIELD-E10 is an extremely tough, high strength geomembrane made from a custom blend of polyethylene copolymers.

### Benefits:

- High puncture resistance—has six times the puncture resistance of extruded foam board.
- Impermeable to water—offers additional relief from hydro-static water pressure and resistance to earth contaminants.

- Durable—resistant to installation and backfill damage.
- 12' x 150' rolls minimize seams. Protects membrane—acts as slip sheet for backfill and drainage mat.
- Fully protects membrane at brick ledge and at footer to drain pipe.
- Easy to incorporate in detailing specific penetration points with other detailing products.

### 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 and 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 and/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 re-treat 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.



Rev. ES.10.11.97

