

# ECODAMP Water Protection Membrane

*Beats The TAR Out Of Damp-Proofing Products*



## A Polymerized Moisture Protection Membrane

- A flexible moisture proofing membrane.
- Exceptional bonding.
- Completely seamless.
- Very resilient.
- Water-based polymer modified asphalt emulsion.

TYPICAL UNCURED PROPERTIES	Test Method	Unit	TYPICAL CURED PROPERTIES	Test Method	Unit
Specific Gravity .....	ASTM D-244 .....	1.00	Initial Cure .....		10 minutes
Viscosity .....	ASTM D-1200 .....	>25 centipoise	Final Cure .....		24-48 hours
PH .....		11.5	Tensile strength .....	ASTM D-412-98 A .....	9 psi
Flammability .....	ASTM D-3143 .....	500°F	Elongation .....	ASTM D-412-98 A .....	5500%
Color .....		Brown to black	Moisture Vapor Transmission .....	ASTM E-96-00-B .....	0.04 grains/sq. ft/hr
Non-Toxic .....		No Solvents	Hydrostatic Water Test .....	ASTM D-751-00 .....	10 psi
Shelf Life .....		6 months	Bonding .....	ASTM C-836-76 .....	pull off force 34.1 psi
			Degradation & Water Action Resistance..	ASTM D-2939-94 .....	None
			Low Temperature Flexibility .....	ASTM C-836-00 .....	>6.7°C (no breaking)
			Resistance to Acids .....	ASTM D-543 .....	
			Hydrochloric / Sulfuric .....		13%
			Acetic .....		30%

### COVERAGES

Walls - good water protection (40-mil) ..... 28 sq.ft./gal.  
 Walls - better water protection (55-60-mil) ..... 19 sq.ft./gal.

### Packaging

Available in bulk, 330-gal or 275-gal. tote, and 55-gal. drums.

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



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# ECODAMP Specifications

## 1. PRODUCT NAME

**ECODAMP**

## 2. MANUFACTURER

EPRO SERVICES  
P.O. Box 347  
Derby, KS 67037  
PHONE 800-882-1896  
FAX: 316-794-3451

## 3. PRODUCT DESCRIPTION

**Basic Use:** ECODAMP is designed to be a basic water protection and vapor retardant barrier for vertical application to both below grade and above grade surfaces. ECODAMP is to be applied with the unique self contained ECO Sprayer to produce a rapid curing, monolithic coating at accelerated rates. It may be used as a base coat for other water-based products.

**Composition:** ECODAMP is a water-based, medium solids, moderately polymer-modified asphalt emulsion, which exhibits elastomeric qualities to handle minimal expansion and contraction movement and nominal hairline cracking.

### Benefits:

- VOC compliant.
- Non hazardous, non-toxic, and non-flammable.
- Efficient and effective application.
- Cost effective.
- Non-leaching.
- Excellent water protection.

### Limitations:

- Should be applied to clean and dry surfaces.
- Adjacent areas and surfaces should be protected from contact with the product.
- Exposure to UV.
- Should be stored above 40°F.
- A test area should always be done to verify compatibility of substrate with product.
- Solvent-based products should not be applied over this product.

## 4. TECHNICAL DATA

**Properties:** See chart.

**Coverages:** See chart.

### • Specification Writer:

Contact EPRO Services before writing specifications with this product. Test information available upon request.

## 5. INSTALLATION

**Preparation:** Must include but not limited to:

- All surfaces should be dry and free of loose materials, release oils and other contaminants. These should be removed prior to application by power washing or other suitable methods.

- Repairs: Any cracks, spall or metal protrusion areas should be repaired by trowel application of ECOLINE-T insuring penetration of materials in damaged or cracked area. Large cracks may also require a layer of polyester mesh to span over crack and ECOLINE-T applied over this to provide additional membrane strength.

- A test should always be done prior to application using the same cleaning preparation and application procedures to be used on the project.

### Application:

- Should be applied in accordance with specific application specifications.
- ECODAMP is to be spray applied with catalyst water by appropriate equipment fitted with specific nozzles (the ECO Spray System) which forms a monolithic water protection coating. Spray application produces an approximate 10 mil build on each pass of spray gun.

**Cleaning:** Clean all tools with kerosene and/or equivalent.

## 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 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.

