

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.

COVERAGES	Per Sq.Ft./Gal	TYPICAL CURED PROPERTIES	Test Method	Unit
Walls - vapor protection (10 mils)	112	Initial Cure		10 minutes
Walls - moisture protection (20 mils)	56	Final Cure		24-48 hours
		Tensile strength	ASTM D 412-98 A	14 psi
		Elongation	ASTM D 412-98 A	5500%
		Moisture Vapor Transmission	ASTM E 96-00-B	.04 gm/sq.ft./hr
		Hydrostatic Water Test	ASTM D 751-00	NA
		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%

TYPICAL UNCURED PROPERTIES	Test Method	Unit
Specific Gravity	ASTM D 244	1.00
Viscosity	ASTM D 1200	>25 centipoise
PH		11.5
Flammability	ASTM D 3143	500°F
Color		Brown to black
Non-Toxic		No Solvents
Shelf Life		6 months

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 applied 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 on this project. 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 fiberglass mesh or polyester mat being spanned 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.

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Waterproofing Systems

