



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Epro ECOFLEX-PS

Manufacturer: EPRO Services, Inc.

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SUPPLIED BY BC BUILDING PRODUCTS

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ECOFLEX-PS Vapor Permeable Membrane

Stretches The Limit for Air Permeable Barriers



Effective Water and Vapor Barrier System

- Water based ... may be applied to damp surfaces.
- Exceptional bonding ... won't delaminate from surfaces.
- Non-toxic, non-flammable, non-hazardous ... user and environmentally friendly.
- Viscosity ... makes high-build application easier.
- Rapid setting ... allows job to be done in one application.

Physical Property Characteristics	Method	Unit
Tensile Strength	ASTM 412	50 psi
Elongation	ASTM 412	800%
Resistance to Decay	ASTM E 154	9% Perm Loss
Accelerated Aging	ASTM G 23	No Effect
Perm rating (US Perms)	ASTM E 96	11.0 perms
Hardness	ASTM C 836	120%
Crack Bridging	ASTM C 836	No Cracking
Low Temp. Flexibility	ASTM C 836	No Cracking at -20°C
Air Permeance	ASTM E 2178	0.0117 L/(sm ²)
Fire Rating	ASTM 84	Class A
Flame Spread Index		5
Smoke Developed Index		5
Coverage	40 mils	25 sq. ft. / gal.

Packaging

Available in 5 gallon pails or 55 gallon drums

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



Phone: 800-882-1896
316-262-2513
Fax: 316-262-2529
web site: www.eproserv.com

ECOFLEX-PS Specifications

1. PRODUCT NAME

ECOFLEX-PS

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:

ECOFLEX-PS is designed to be a permeable membrane for cavity wall construction that may be applied on a variety of surfaces including concrete, concrete block and dense glass. ECOFLEX-PS is to be applied by roller or sprayer to form a monolithic vapor permeable air barrier.

Composition:

ECOFLEX-PS is a medium viscosity water-based, copolymer latex emulsion, which exhibits excellent bonding, elongation and waterproofing characteristics.

Benefits:

- Performs as a vapor permeable water barrier.
- Non-hazardous, non-toxic, and non-flammable (VOC compliant).
- Excellent elongation and recovery.
- Good tensile strength.
- Exceptional bonding.

Limitations:

- Should be applied to clean and dry surfaces.
- Adjacent areas and surfaces should be protected from contact with the product.
- Should be stored above 40° F, below 120° 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.
- During warm weather application in 20-mil layers may be required.

4. TECHNICAL DATA

Properties: See chart

Coverages: See chart.

Specification Writer:

Contact EPRO Services before writing specifications on 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.
- A test should always be done prior to application using the same cleaning and application procedures to be used on the project.

Application:

- Should be applied in accordance with specific application specification.
- ECOFLEX-PS may be applied by roller, brush or sprayer to 40-mil build. Two 20-mil coats may allow ECOFLEX-PS to cure faster. Cracks and joints should be filled and spanned with mesh prior to final coat application.

Cleaning:

- Clean all tools with soap and water.

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.

