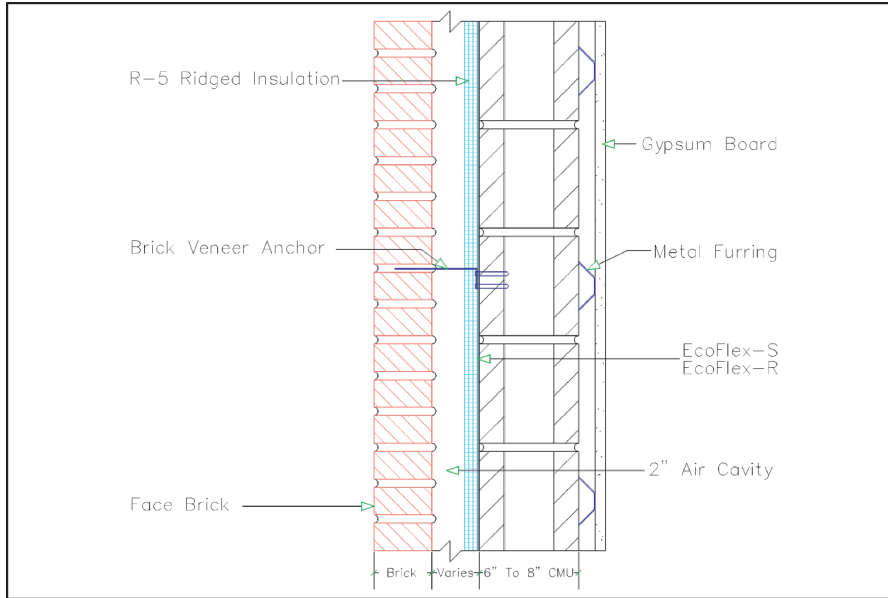


ECOFLEX-R Liquid Applied Membrane

Stretches The Limit for Air Barriers



Effective Water and Vapor Barrier System

- Water based ... may be applied to green or uncured concrete and 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 repairs with mesh or polyester mat easier.
- Rapid setting ... allows job to be done in one application.

PROPERTIES	METHOD	UNIT
Tensile Strength	ASTM 412	32 psi
Elongation	ASTM 412	3860%
Resistance to Decay	ASTM E-154	9% Perm Loss
Accelerated Aging	Section 13	No Effect
Moisture Vapor Transmission	ASTM G-23	0.026 g/sq. ft. /hr.
Hydrostatic Water Pressure	ASTM E-96	28 psi
Perm rating (US Perms)	ASTM D-751	0.17
Methane Transmission Rate	ASTM E-96	0
Air Leakage	ASTM E-278-03	0.000083 (L/S/M) <250 PA
Adhesion to Concrete & Masonry	ASTM D-1434	7 lbf./inch
Hardness	ASTM C-836	85
Crack Bridging	ASTM C-836	No Cracking
Low Temp. Flexibility	ASTM C-836	No Cracking at 20°C
Fire Rating	ASTM 84	Class A
Flame Spread Index		15
Smoke Developed Index		110
Coverages	40 mils	28 sq. ft. / gal.
	60 mils	10 sq. ft. / gal.

Approvals

City Of Los Angeles - RR# 25478 (for methane and waterproofing) and NSF 61 Approved

Packaging

Available in 55 gal. drums and 275 or 330-gallon totes

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-R Specifications

1. PRODUCT NAME

ECOFLEX-R

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-R is designed as a moisture and vapor barrier membrane for cavity wall construction that may be applied on a variety of surfaces including concrete, concrete block, metal and dens glass. ECOFLEX-R is to be applied by roller or sprayer to form a monolithic air barrier. It may be used as waterproofing adhesive for insulation board and a basecoat for other water-based coatings.

Composition:

ECOFLEX-R is a medium viscosity water-based, polymer-modified anionic bituminous/asphalt emulsion, which exhibits excellent bonding, elongation and waterproofing characteristics.

Benefits:

- Performs as a vapor and water barrier.
- Non-hazardous, non-toxic, and non-flammable (VOC compliant).
- Excellent elongation and recovery.
- Good tensile strength.
- Exceptional bonding.
- Not affected by ponded water.

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.
- 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 is recommended.

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

Cleaning:

- Clean all tools with kerosene and/or oil-based cleaners.

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.

