

ECOFLEX-S Spray Applied Membrane

Seamless Moisture / Vapor Barrier



The Answer To Above-Grade Cavity Walls

- Water based...may be applied to green or uncured concrete mortar and to damp surfaces.
- Excellent elongation and recovery...can handle movement as well as minor cracking.
- Exceptional bonding...won't delaminate from surface.
- Spray applied...creates a seamless and resilient membrane.
- Instant build...allows applications in inclement weather and eliminates shrinkage.

Physical Property Characteristics

Color	Brown to Black
Initial Cure Time	Initial 10 mins.
Final Cure Time	24 hours
Solids Content	73 - 75%
Shelf Life	6 months
Tensile Strength	ASTM 412 32 psi
Elongation	ASTM 412 4,140%
Accelerated Aging	ASTM G23 No Effect
Moisture Vapor Transmission	ASTM E 96 0.01 g/sq. ft./hr.
Perm Rating	ASTM E 96 0.02
Hydrostatic Water Pressure	ASTM D 751..... 26 psi
Coverages	25-30 sq. ft. gal.
Fire Rating	ASTM 84 Class A
Flame Spread Index	15
Smoke Developed Index	110

Hardness	ASTM C 836	80
Crack Bridging	ASTM C 836	No Cracking
Low Temp. Flexibility	ASTM C 836-00	No Cracking at -20°C
Air Leakage	ASTM E2178-03 ...	0.00 (L/s/m ²) <767 Pa

Adhesion To

Concrete	19.7 lb. / in.
Masonry	22.5 lb. / in.
Dens-Glas Gold	2.9 lb. / in.
HDPE	25.4 lb. / in.

Packaging

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

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



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316-262-2513
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ECOFLEX-S Specifications

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1. PRODUCT NAME

ECOFLEX-S

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-S is designed to be an air and moisture vapor barrier membrane for a variety of above-grade surfaces including concrete, block, gypsum, and metal for cavity walls. ECOFLEX-S is to be applied with a unique self-contained sprayer to produce instantaneous, monolithic membrane with excellent adhesion. It may be used as a waterproof adhesive for insulation board and as a base coat for other water-based products.

Composition:

ECOFLEX-S is a low-viscosity, water-based, anionic bituminous/asphalt emulsion modified with a blend of synthetic polymerized rubbers and special additives, which is highly reactive and exhibits exceptional bonding, elongation, vapor retarding and build characteristics.

Benefits:

- Performs as a non-permeable air barrier.
- Non-hazardous, non-toxic, and non-flammable (VOC compliant).
- Excellent elongation and recovery.
- Good tensile strength.
- Exceptional bonding.
- Resistant to weathering.
- Instantaneous build.

Limitations:

- Should be applied to clean 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 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-S is to be applied by a sprayer to a 20 or 40-mil build. Cracks and joints should be filled and/or 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.

