



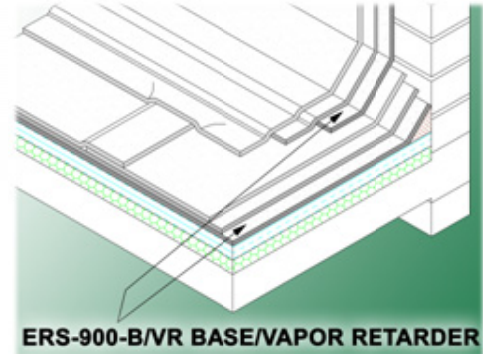
PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-900 B/VR

P/N: 040-0005

For Professional Use Only



PRODUCT DESCRIPTION:

Ecology's ERS-900-B/VR Base/Vapor Retarder is a step forward in the evolution of self-stick elastomeric sheet membranes. The ERS-900-B/VR membrane is a blend of DuPont's Elvaloy® KEE polymer, coal tar pitch, and dispersed polyester fibers. The membrane is manufactured with strict quality control that ensures consistency of membrane thickness, and adhesive quality. ERS-900-V/BR is designed for use as a base sheet that can be adhered to an insulation course or barrier board with a primed surface. ERS-900-B/VR is normally covered with two, three, or four plies of modified built up roofing.

RECOMMENDED USES:

ERS-900-V/BR is ideal for use as a vapor retarder in areas of high humidity or where moisture could damage the insulation course from below the roof deck.

ADVANTAGES:

- ERS-900-B/VR meets Class A fire rating for combustible and noncombustible decks in several UL accepted assemblies.
- ERS-900-B/VR meets 1-90 Class 1 rating over concrete, steel, wood, and other decks in several FM accepted assemblies.
- ERS-900-B/VR is also included in Miami-Dade NOAs for use in systems over concrete deck, steel and recover systems.

APPROVALS:



PACKAGING

ERS-900-B/VR comes in a 36" x 50' roll (.914 m x 15.24 m); 20 rolls per pallet.

PHYSICAL PROPERTIES:

Property	Typical Value	Test Method
Elongation	170%	ASTM D 412
Tensile Strength	1500 lbs/in ²	ASTM D 412
Tear Strength	300 ppi	ASTM D 624
Low Temp Flexibility	Pass	37-GP-56M
Water Absorption	<0.1%	37-GP-56M
Thickness	35 mil + 15 mil adhesive	
Weight	57lbs. (27.23 kg)	
Net Coverage	150 ft ² /roll net (13.94 m ²)	

Ecology Roof Systems®

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REGIONAL OFFICES LOCATED ACROSS THE U.S.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Ecology Roof Systems to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Ecology Roof Systems. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ECOLOGY ROOF SYSTEMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.