

## DESCRIPTION

BiLar™ is a multi-component Class A vapor barrier composed of a highly puncture resistant tightly woven fabric coated with a strong, low perm, and long lasting polyolefin resin.

BiLar is designed for use as a high-performance vapor barrier under slabs, permanent liner in sealed crawl spaces, in vertical waterproofing, and flashing applications.

BiLar provides more abrasion and puncture resistance than standard 15 mil poly sheeting.

## STANDARDS

BiLar is a composite product consisting of a tightly woven, puncture resistant polypropylene fabric laminated on both sides with a 4 mil polypropylene extrusion.

BiLar is available in 5' and 10' widths in lengths of 150'. BiLar weighs approximately 32lbs/Msf.

BiLar exceeds standards set forth in ASTM E-1745-97 for plastic water vapor retarders used in contact with a soil or granular fill under concrete slabs.

## APPLICATIONS

- Vertical Waterproofing
- Horizontal Waterproofing
- Under Slab Vapor Barrier
- Crawl Space Vapor Barrier
- Crawl Space Encapsulation
- High-Performance Flashing

## INSTALLATION

**Under Slab Vapor Barrier** – Base aggregate or soil should be tamped and level according to local building code. Install BiLar white side up, parallel to direction of pour. Overlap seams a minimum of 6" stapling the underlying portion with blind clinch staples (sod staples) inserted 45° and 3" from edge every 5'. Clean seams then install GMX, Inc. barriers white 9 mil seam tape the entire length of the seam.

**Vertical Waterproofing** – Foundation or wall should first be prepped, coated with waterproofing membrane, and allowed to cure per manufacturers instructions. BiLar should then be unrolled and cut to fit desired location. Clean and tape the length of any seams with GMX, Inc. barriers white 9 mil seam tape. Fasten using mechanical fasteners with washers above the grade line at least 1" from edge every 3'.

## STORAGE

BiLar should be stored out of direct sunlight.

## TECHNICAL SERVICES

Additional technical services are available from GMX, Inc. barriers upon request.

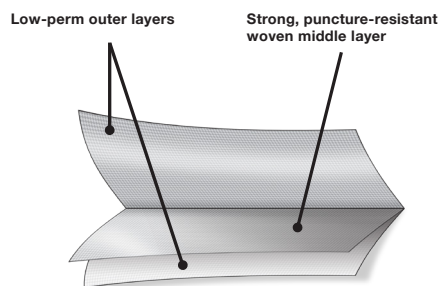
### TECHNICAL SERVICES | PRODUCT SPECIFICATIONS

#### Type: Polymer modified asphalt waterproofing membrane

<b>Tensile Strength</b> ASTM E 154-93, 9	135 lbs/in <sup>2</sup>
<b>Puncture Resistance</b> ASTM E 154-93, 10	2545 grams
<b>Vapor Permeance</b> ASTM E 96 B	.04 perms
<b>Low temp on bending</b> ASTM E 154-93, 12	.039 perms
<b>In contact with soil</b> ASTM E 154-93, 13	.04 perms
<b>Deterioration from petroleum</b> ASTM E 154-93, 14	.043 perms
<b>Thickness</b>	15 mil

### May help to contribute to LEED® credits:

<b>EA Credit 1:</b>	Optimize Energy Performance
<b>EQ Credit 3.1:</b>	Construction IAQ Management Plan: During Construction
<b>EQ Credit 4.2:</b>	Low Emitting Materials: Paints and Coatings
<b>MR Credit 5.1:</b>	Regional Materials: 10% Extracted, Processed and Manufactured Regionally
<b>MR Credit 5.2:</b>	Regional Materials: 20% Extracted, Processed and Manufactured Regionally



**GMX, Inc.**  
 3014 Chamber Dr.  
 Monroe, NC 28110  
 Toll Free: 866-228-7743  
[www.gmxwaterproofing.com](http://www.gmxwaterproofing.com)

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperatures, application methods, test methods, actual site conditions and curing conditions. Installation conditions and methods can impact product performance. Consult your local GMX Sales Representative for Questions.

PRIOR TO EACH USE OF ANY GMX PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS & INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [WWW.GMXCO.COM](http://WWW.GMXCO.COM) OR BY CALLING GMX AT 866-228-7743. NOTHING CONTAINED IN ANY GMX MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS FOR EACH GMX PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.