

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. 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. 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. upon request.

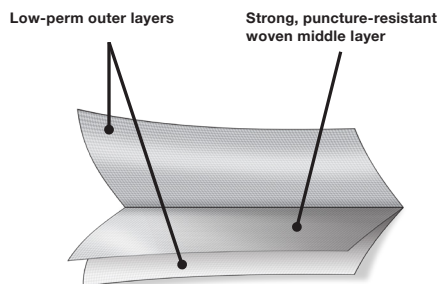
TECHNICAL SERVICES | PRODUCT SPECIFICATIONS

Type: Polymer modified asphalt waterproofing membrane

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

May help to contribute to LEED® credits:

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



GMX, Inc.
3014 Chamber Dr.
Monroe, NC 28110
Toll Free: 866-228-7743
www.gmxwaterproofing.com

LEED® Buildings and Leadership in Energy and Environmental Design® are trademarks of the U.S. Green Building Council. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is a voluntary, consensus-building national standard that was initiated by the U.S. Green Building Council (USGBC) for developing high-performance sustainable buildings.