



VB-250
VB-350

VB PRODUCT SERIES

DIVISION: 033000, 072600



Application

VB Series vapor barriers are installed under slab to restrict moisture migration through concrete which may cause damage and mold. Manufactured by Inteplast Group, these membranes are available in 11 and 16 mil thickness.

These materials are made from proprietary polyolefin resins and have been tested against ASTM E 1745 requirements (Standard Specification for Plastic Water Vapor Retarders used in contact with Soil or Granular Fill under Concrete Slabs) showing superior properties in low permeance and high puncture, tear and tensile resistance. Jobsite tear and puncture damage will be minimized, reducing repairs, and saving labor costs and time for contractors.

Uniqueness

The most unique characteristic of Barrier-Bac is the ribbed surface. A recent test (ASTM D-1894) showed the ribbed surface of Barrier-Bac has 3 times more friction than the competitor's smooth surface. It not only reduces the fall-down risk for workers walking on it, but also keeps wet concrete slabs more stably atop the ribbed surface.

Availability

VB-250 (11 mil) roll size 12.75'X 200'.

VB-350 (16 mil) roll size 12.75'X 150'.

Other sizes are available upon request.



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	Test Standards/Methods	VB-250	VB-350
Classification	ASTM E 1745-17	Exceed Class A, B and C	Exceed Class A, B and C
Water Vapor Permeance	ASTM E 96, Procedure B	0.040 (US Perms)	0.029 (US Perms)
Tensile Strength	ASTM E 154-08 (ASTM D 882)	45 lbf/in	58 lbf/in
Puncture Resistance	ASTM D 1709	2250 grams	2350 grams
Radon Diffusion	K124/02/95	$2.5 \times 10^{-11} \text{ m}^2/\text{S}$	$2.4 \times 10^{-11} \text{ m}^2/\text{S}$
Methane Permeance	ASTM D 1434	526 $\text{cm}^3/(\text{m}^2 \cdot \text{Atm. day})$	275 $\text{cm}^3/(\text{m}^2 \cdot \text{Atm. day})$

Note: Information herein, to the best of our knowledge, are typical property values and intended as guides only. Inteplast Group makes no warranties as to the suitability for specific use of merchantability of products referred to, no guarantee, expressed or implied, is made as to product application for a particular use.

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