



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 10 and 15 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.

Availability

VB-250 (10 mil) roll size 14'X 210'

VB-350 (15 mil) roll size 14'X 140'

VB PRODUCT SERIES

DIVISION: 033000, 072600



	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	0.0204 (US Perms)	0.007 (US Perms)
Tensile Strength	ASTM E 154-08 (ASTM D 882)	54.2 lbf/in	82.1 lbf/in
Puncture Resistance	ASTM D 1709	2480 grams	3350 grams
Radon Diffusion	ISO / TS 11665-13	$7.0 \times 10^{-12} \text{ m}^2/\text{S}$	$6.9 \times 10^{-12} \text{ m}^2/\text{S}$
Methane Permeance	ASTM D 1434	$288.6 \text{ cm}^3/(\text{m}^2 \cdot \text{Atm. day})$	$135.8 \text{ cm}^3/(\text{m}^2 \cdot \text{Atm. day})$

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.