

VB Series of Under Slab Vapor Barriers

VB Series - Description

VB Series vapor barriers are IntePlus® XF membranes constructed to restrict moisture migration through concrete slabs. Manufactured by Inteplast Group, these membranes are available in 11 and 16 mil thickness. VB Series vapor barriers are also offered as composites: IntePlus® membrane laminated to polypropylene nonwoven geotextiles, for added strength to meet the toughest performance specifications. These materials are made from virgin resins and have been independently tested against ASTM E 1745 requirements (Standard Test Methods for Water Vapor Barriers used in contact with earth under concrete slabs) showing superior permeance and physical properties.



VB-350 Longhorn Quarry Football Stadium, San Antonio, TX

VB Series - Application

VB Series vapor barriers restrict transmission of water vapor from passing upward through concrete slabs-on-grade. Properly installed VB Series vapor barriers will protect floors susceptible to moisture damage from vapor migration through the concrete slab. Also, VB Series vapor barriers significantly decrease interior moisture condensation, mold and help provide a dryer, healthier environment to your building.



VB Series - Availability

VB Series vapor barriers are available in roll sizes 12.75' × 200' in 11 mil and 12.75' × 150' in 16 mil thickness. Composite products can be delivered in roll size 12' × 150'. Other sizes are available upon request.

VB-250 Walgreens Distribution Warehouse, Houston, TX

Specifications: VB Series

VB-250 (250 gsm/11 mil) & VB-350 (350 gsm/16 mil)

VB-250 and VB-350 meet and/or exceed all ASTM E 1745 Class A requirements.

	Test Standards/Methods	VB-250	VB-350
Classification	ASTM E 1745-09	Exceed Class A, B and C	Exceed Class A, B and C
Water Vapor Permeance	ASTM E 96, Procedure B	0.020 (US Perms)	0.009 (US Perms)
		0.006 (WVT, g/h-m ²)	0.003 (WVT, g/h-m ²)
Tensile Strength	ASTM E 154-93 (ASTM D 882)	50 lbf/in	63 lbf/in
Puncture Resistance	ASTM D 1709	2400 grams	2750 grams
Life Expectancy	ASTM E 154-93	indefinite	indefinite
Chemical Resistance	ASTM E 154-93	unaffected	unaffected

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 or merchantability of products referred to, no guarantee, expressed or implied, is made as to product application for a particular use.

