

VAPORBLOCK®

6 mil, 10 mil & 15 mil Underslab Vapor Barrier



PRODUCT

PART NUMBER

VaporBlock 6	VB6
VaporBlock 10.....	VB10
VaporBlock 15.....	VB15

APPLICATIONS

Underslab Vapor Retarder/Barrier
Foundation Wall Vapor Retarder
Radon Retarder

Note: All instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions accompany each roll of VaporBlock and can also be located on our website.

ASTM E-1643 also provides general installation information for vapor retarders. All VaporBlock series materials can be installed with print or color facing up or down and will provide the same performance.

ASTM E-1745-11, "Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs".



VaporBlock® can be identified as blue in color printed with the VaporBlock® logo and the conformance information listing ASTM E-1745, classifications.

PRODUCT DESCRIPTION

VaporBlock® is one of the most effective underslab vapor barriers on the market today! Benefits include:

- Low moisture vapor permeability
- Superior puncture resistance
- High tensile tear strength
- Resistance to decay and degradation

VaporBlock® is manufactured to strict conformance specifications under our ISO 9001 Certified Management System to consistently exceed ASTM standards and project expectations. VaporBlock® meets the highest possible quality standards across multiple industries. VaporBlock® is supported with independent testing.

Results are available upon request, as required under ASTM E-1745-11. VaporBlock® is readily available through nation-wide distribution.

PRODUCT USE

VaporBlock® is a high performance, underslab vapor barrier designed to retard moisture migration through concrete slabs and concrete walls to protect your structure from:

- **MOLD:** VaporBlock® reduces moisture condensation within a structure, impeding the growth of molds, mildews, and fungi.
- **MOISTURE:** VaporBlock® protects flooring materials by maintaining moisture levels well below the requirements of ASTM E-1745-11.
- **RADON:** VaporBlock® is used as a component of radon mitigation systems to protect indoor air quality and occupant health.

Also Available: VaporBlock® Plus™, a highly effective gas and moisture barrier.

SIZE & PACKAGING

Available in 6, 10 and 15 mil for optimal project flexibility.

Larger roll sizes equal lower installation costs.

PROTECTION FROM THE GROUND UP

2067 Wineridge Place, Suite. F
Escondido, CA 92029

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PROPERTIES	TEST METHOD	VAPORBLOCK VB6	VAPORBLOCK VB10	**VAPORBLOCK VB15	ASTM E 1745-11 Class A, B & C1
		IMPERIAL	IMPERIAL	IMPERIAL	IMPERIAL
Appearance		Blue	Blue	Blue	-
Thickness, Nominal		6 mil	10 mil	15 mil	-
Roll Size		15 ft x 200 ft	15 ft x 200 ft	12 ft x 200 ft	-
Weight		29 lbs/MSF	49 lbs/MSF	73 lbs/MSF	-
Classification	ASTM E1745-11	CLASS C	CLASS A, B & C	CLASS A, B & C	Class A, B, or C
Tensile Strength Average MD & TD (New Material) (After Exposure)	ASTM E154 Section 9, (D882)	32 lbs/in 25 lbs/in	52 lbs/in 53 lbs/in	60 lbs/in 60 lbs/in	Class A = 45 lbs/in Class B = 30 lbs/in Class C = 13.6 lbs/in Minimum
Puncture Resistance	ASTM D1709 Method B	>3300 g	>3300 g	>4000 g	Class A = 2200 g Class B = 1700 g Class C = 475 g Minimum
Permeance	ASTM E154 Section 7 ASTM E96 Procedure B	0.090 Perms grain/(ft ² •hr•in•Hg)	0.0146 Perms grain/(ft ² •hr•in•Hg)	0.01 Perms grain/(ft ² •hr•in•Hg)	Class A, B, C 0.1
(After Conditioning)	ASTM E154 Section 8, E96 Section 11, E96 Section 12, E96 Section 13, E96	0.105 0.124 0.097 0.099	0.0153 0.0151 0.0160 0.0181	0.01 0.01 0.01 0.01	Perms grain/(ft ² •hr•in•Hg) Maximum
WVTR	ASTM E96 Procedure B	0.080 grain/hr-ft ²	0.0084 grain/hr-ft ²	0.004 grain/hr-ft ²	-
Maximum Use Temperature		180° F	180° F	180° F	-
Minimum Use Temperature		-70° F	-70° F	-70° F	-

1 Referencing ASTM E1745-11, Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs

**PROFORMA Contents: Data listed for VaporBlock® VB15, under ASTM E154, section 11, 12, and 13, is extrapolated from actual section 8 values and is subject to change at any time as additional test data becomes available.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. AMERICOVER, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.Americover.com



RI.042516.033117

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