



## CONCRETE VAPOR BARRIER

UNDER CONCRETE SLAB VAPOR BARRIER

MASTER FORMAT #0 33000 - VAPOR BARRIER

### CONCRETE VAPOR BARRIER 10 MIL, 15 MIL

#### DESCRIPTION

Farm Plastic Supply Concrete Vapor Barrier/Retarder is a high performance film designed for use under concrete slabs to stop moisture migration and to control radon gas, methane, and other soil gases or contaminants. Our Vapor Barriers/Retarders are extruded in a single sheet of material composed of the latest generation of virgin polyolefin resins. This high puncture resistant Vapor Barrier/Retarder has superior performance to other materials in the industry, and is available in 10 and 15 mil.



#### INSTALLATION

**Under Concrete Slab:** Install Farm Plastic Supply Concrete Vapor Barrier/Retarder over tamped earth, sand or aggregate base. Follow ASTM 1643 guidelines. Unroll and completely cover the area to receive the building slab or other specified areas. The seams must overlap a minimum of six inches and be sealed with vapor tape. All exposed penetrations also must be sealed. A physical inspection of the area should be performed prior to installation.

Note: Please contact us for more information on which types of tape we offer, and which varieties work best with vapor barriers.



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MADE IN THE U.S.A

## TECHNICAL DATA

Technical Data	ASTM E 1745, Class A,B,C – standard specification for water vapor retarders used in contact with soil or granular fill under concrete slabs	10 mil	15 mil
Concrete Vapor Barrier 10 mil, 15 mil			
Water Vapor Permeance	ASTM F 1249 – Vapor Transmission Rate	0.018	0.0078
Puncture Resistance	ASTM 1709 – Test method for impact resistance of plastic film by free-fallen dart method	3000	4000
Tensile Strength	ASTM D 882 – Method for tensile properties of thin plastic sheeting	58	64
Methane Transmission Rate	ASTM 1434 – Standard test method for determining gas permeability	298.01	252.55
Life Expectancy	ASTM E 154 – Test methods for vapor retarders used in contact with earth under concrete slabs, on walls or as ground cover	Indefinite	Indefinite
Roll Dimensions		14 x 210 2940 ft <sup>2</sup>	14 x 140 1960 ft <sup>2</sup>
Roll Weight		142 lb	142 lb

Note: Perm Unit = Grains/(ft<sup>2</sup> • HR • in•HG) GTR = Gas Transmission Rate

The information provided above was preformed and tested by an Independent Laboratory

## LIMITED WARRANTY

Farm Plastic Supply warrants this product to meet the published specifications and to be free of defects in workmanship and materials at the time of shipment from our factory. If any vapor barrier material proves to contain manufacture defects that substantially affect the performance, then Farm Plastic Supply will at their option replace the material or refund the purchase price. This limited warranty is the only warranty offered by Farm Plastic Supply as it relates to vapor barrier products. There are no other warranties, including the implied warranties of merchantability or fitness for a particular purpose. Farm Plastic Supply specifically disclaims liability for any incidental, consequential, or other damages.



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