

# Xtreme® Vapor Barriers



## Product Description:

Tex-Trude Xtreme Vapor Barrier / Retarder is a high performance material designed for use under concrete slabs to stop moisture migration and to control radon gas, methane, and other soil gases or contaminants. Xtreme Vapor Barriers / Retarders are extruded in a single sheet of material composed 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 mil, 15 mil and 20 mil.

## Installation:

**Under Concrete Slab:** Install Tex-Trude Xtreme Vapor Barrier/ Retarder over tamped earth, sand or aggregate base. 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 Xtreme Seal Tape or heat welded. All exposed penetrations also must be sealed using Xtreme Seal Tape. A physical inspection of the area should be performed prior to installation.

## Limited Warranty:

Tex-Trude 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 Xtreme material proves to contain manufacture defects that substantially affect the performance, then Tex-Trude will at their option

replace the material or refund the purchase price. This limited warranty is the only warranty offered by Tex-Trude, LP as it relates to Xtreme products. There are no other warranties, including the implied warranties of merchantability or fitness for a particular purpose. Tex-Trude specifically disclaims liability for any incidental, consequential, or other damages.



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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				
Physical Properties		ASTM E 1745 Class A	Xtreme 10 mil	Xtreme 15 mil	Xtreme 20 mil
Water Vapor Permeance	ASTM F 1249 – Vapor Transmission Rate	0.1 perms	0.018	0.0078	0.0055
Puncture Resistance	ASTM 1709 – Test method for impact resistance of plastic film by free-fallen dart method	2200grams	3000	4000	5600
Tensile Strength	ASTM D 882 – Method for tensile properties of thin plastic sheeting	45.0 lbf/in <sup>3</sup>	58	64	81
Methane Transmission Rate	ASTM 1434 – Standard test method for determining gas permeability	GTR	298.01	252.55	163.71
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	Indefinite
Roll Dimensions			14x200 2800 ft <sup>2</sup>	14x150 2100 ft <sup>2</sup>	12x150 1800 ft <sup>2</sup>
Roll Weight			134.6 lb	151.5 lb	173.2 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

**ISO 9001 – 2008 CERTIFIED**

**TEX-TRUDE, LP TECHNICAL DATA SHEET**