

# VaporPro™ Product Data Sheet

## 20 MIL CLASS A VAPOR BARRIER

### MANUFACTURER

Revolution Commercial Solutions (TX), LLC  
3328 Executive Blvd  
Mesquite, TX 75149

### PRODUCT DESCRIPTION

VaporPro™ is a high-performance polyethylene film designed for use as a vapor retarder under concrete slabs. This film is manufactured in the United States of America using high quality prime, virgin resins. VaporPro is designed as a low permeance, high strength, and high puncture resistant film that meets and exceeds the ASTM E1745-17 requirements for a Class A vapor retarder.



### TECHNICAL DATA

Technical Property	Test Method	20 Mil Results	Unit
Color		Green	
Thickness, Nominal		20	mils
Roll Dimensions		14 x 105	feet
Surface Area		1,470	feet <sup>2</sup>
Roll Weight		141	lbs
Classification	ASTM E1745-17	Class A, B, & C	
Puncture Resistance	ASTM D1709	3,238	grams
Tensile Strength	ASTM D882	105	lbf/in
Permeance	ASTM F1249 ASTM E154 Section 7 Section 8 Section 11 Section 12 Section 13	0.0041 0.0050 0.0056 0.0038 0.0034	perms
New Material After Conditioning - after wetting, drying, soaking after heat conditioning after low temp conditioning after soil organism exposure			
Methane Gas Permeation	ISO 2782-1	130 GTR, mL(STP)/(m <sup>2</sup> *day)	
Radon Diffusion Coefficient	K124/02/95	(4.52E±0.42) x 10 <sup>-12</sup> (m <sup>2</sup> s <sup>-1</sup> ) <sup>*</sup>	

Note: perms = grains/(ft<sup>2</sup>hr\*in-Hg)

\* Estimated, Final Testing Pending

### INSTALLATION

VaporPro™ vapor barrier is to be installed by following the guidelines of ASTM E1643. Unroll the vapor barrier over a sand, tamped earth, or aggregate base. Ensure that the seams of vapor barrier overlap a minimum of six inches and are sealed using a low permeance, high adhesion seam tape. All penetrations of the vapor barrier film must be sealed.

### LIFETIME WARRANTY

Revolution offers a lifetime warranty on VaporPro™ to meet the published specifications as well as to be free of defects in product materials and workmanship at the time of shipment. Revolution does not offer any warranties with regards to the merchantability or fitness of products for a particular use. Please contact Revolution for more information surrounding the lifetime warranty of VaporPro™ solutions.

### SALES & TECHNICAL SERVICES

Sales and technical information can be obtained by contacting Revolution.

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**Revolution**

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