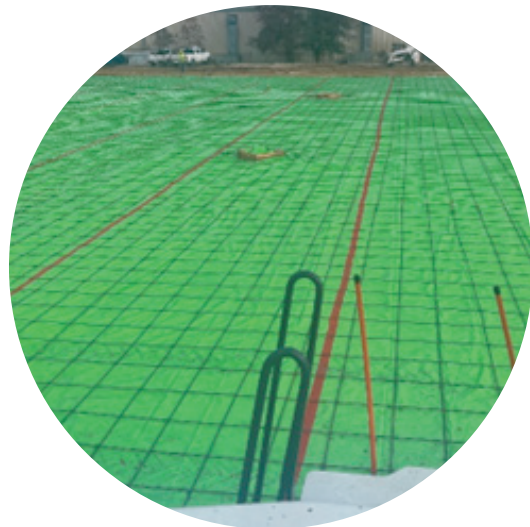# 10 MIL CLASS A VAPOR BARRIER

PRODUCT DESCRIPTION

VaporPro™ is a high-performance polyethylene film designed for use as a vapor retarder under concrete slabs. This film is manufactured by Revolution Commercial Solutions, in Mesquite, TX, in the United Statesof 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 requirements for a Class A vapor retarder.

TECHNICAL DATA

Technical Property	Test Method	10 Mil Results	Unit
Color		Green	
Thickness, Nominal		10	mils
Roll Dimensions		14 x 210	feet
Surface Area		2,940	feet^2
Roll Weight		141	lbs
Classification	ASTM E1745-17	Class A, B, & C	
Puncture Resistance	ASTM D1709	2,645	grams
Tensile Strength	ASTM D882	50	lbf/in
Permeance New Material After Conditioning	ASTM F1249 ASTM E154 Section 7 Section 8 Section 11 Section 12 Section 13	 0.024 0.050 0.051 0.052 0.054	perms
Methane Gas Permeation	ISO 2782-1	444 GTR, mL(STP)/(m²*day)	
Radon Diffusion Coefficient	K124/02/95	$(2.76 \pm 0.29) \times 10^{-12}$ (m²s^{-1})	

Note: perms = grains/(ft2*hr*in-Hg)

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.

LIMITED WARRANTY

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