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Crawlspace DEPOT LLC

14 MIL WOVEN-COATED WHITE/WHITE VAPOR BARRIER

NOMINAL 14 MIL • WHITE/WHITE • 12 FT × 100 FT ROLL

PRODUCT DESCRIPTION

White/white reinforced vapor barrier constructed as a triple-ply, extrusion-coated virgin polyethylene membrane with woven high-density fibers. The membrane is nominally 14 mil and supplied in 12 ft × 100 ft rolls.



INTENDED USE

Designed for encapsulated crawl spaces as a vapor-control layer across the crawl space ground and, where project design calls for it, foundation-wall surfaces. Also suitable for ground-cover, wall, and under-slab applications involving contact with earth or granular fill. Project design, code requirements, and suitability for a particular application must be evaluated separately.

PHYSICAL CHARACTERISTICS

Color	White/white
Construction	Triple-ply, extrusion-coated virgin polyethylene membrane with woven high-density fibers
Nominal thickness	14 mil
Roll dimensions	12 ft × 100 ft
Coverage	1,200 sq ft per roll
Weight	72.1 lbs per 1,200 sq ft roll, ±5%
Maximum use temperature	+140° F
Minimum use temperature	-20° F

PERFORMANCE CLASSIFICATIONS

IRC CLASS I
VAPOR RETARDER

Perms < 0.1

ASTM E1745 CLASS A
VAPOR RETARDER

Tensile Strength > 45 lbs per inch &
Puncture Resistance > 2,200 grams

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TECHNICAL TEST DATA

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PROPERTY	VALUE	TEST METHOD
Tensile strength, MD	**> 175 LBF/IN**	ASTM E 154, Sec. 9
Tensile strength, TD	**> 189 LBF/IN**	ASTM E 154, Sec. 9
Tear strength, warp	**51 LBF.**	D 751 TONGUE
Tear strength, weft	**52 LBF.**	D 751 TONGUE
Breaking test, grab test, LD	**335 Lbs**	ASTM D 751 Procedure A
Breaking test, grab test, TD	**306 Lbs**	ASTM D 751 Procedure A
Bursting strength	**550 LBF.**	ASTM D 751 MULLEN
Puncture resistance	**>6000 grams**	ASTM D 1709 Method B
CBR puncture	**826 LBF.**	ASTMD 6241
Water vapor properties	**Permeance: 0.057 PERMS** **Transmission rate: 0.023 GRAINS/FT²*HR**	ASTM E 96-23 Procedure A 154 Sec. 7
Permeance after conditioning	**Low temperature: 0.06 PERMS** **Wetting, drying and soaking: 0.09 PERMS**	ASTM E154 Section 12, F1249 ASTM E154 Section 8, F1249