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10 MIL WOVEN-COATED WHITE/WHITE VAPOR BARRIER

NOMINAL 10 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 10 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	10 mil
Roll dimensions	12 ft × 100 ft
Coverage	1,200 sq ft per roll
Weight	51.8 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: 136 LBF/IN (MD)
134 LBF/IN (TD)
Puncture Resistance: >5,000 grams

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TECHNICAL TEST DATA

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PROPERTY	VALUE	TEST METHOD
Tensile strength, MD	**136 LBF/IN**	ASTM E 154, Sec. 9
Tensile strength, TD	**134 LBF/IN**	ASTM E 154, Sec. 9
Tear strength, warp	**54 LBS.**	ASTM D 751 TONGUE
Tear strength, weft	**57 LBS.**	ASTM D 751 TONGUE
Grab tensile, directional average	**138 LBF**	ASTM D 751
Bursting strength	**318 LBS.**	ASTM D 751 MULLEN
Puncture resistance, impact	**>5,000 grams**	ASTM D 1709
Puncture resistance, static	**76 LBS.**	ASTM D 5602
CBR puncture	**626 LBF**	ASTM D 6241
Water vapor properties	**Permeance: 0.0461 PERMS** **Transmission rate: 0.0190 GRAINS/FT²*HR**	ASTM E 96/ 154 Sec. 7