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Crawlspace DEPOT LLC

# 20 MIL WOVEN-COATED WHITE/WHITE VAPOR BARRIER

**NOMINAL 20 MIL • WHITE/WHITE • 12 FT × 100 FT FOLDED 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 20 mil and supplied folded 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** | 20 mil |
| **Roll dimensions** | 12 ft × 100 ft |
| **Coverage** | 1,200 sq ft per roll |
| **Roll configuration** | Folded |
| **Weight** | 92.5 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 | **> 218 LBF/IN** | ASTM E 154, Sec. 9 |
| Tensile strength, TD | **> 278 LBF/IN** | ASTM E 154, Sec. 9 |
| Tear strength, warp | **110 LBF.** | D 751 TONGUE |
| Tear strength, weft | **126 LBF.** | D 751 TONGUE |
| Breaking test, grab test, LD | **409 Lbs** | ASTM D 751 Procedure A |
| Breaking test, grab test, TD | **378 Lbs** | ASTM D 751 Procedure A |
| Bursting strength | **660 LBF.** | ASTM D 751 MULLEN |
| Puncture resistance | **>6000 grams** | ASTM D 1709 Method B |
| CBR puncture | **991 LBF.** | ASTM D 6241 |
| Water vapor properties | **Permeance: 0.025 PERMS**<br>**Transmission rate: 0.009 GRAINS/FT²*HR** | ASTM E96-23, Procedure A;<br>ASTM E154, Section 7;<br>ASTM F1249-20 |