# EverGuard® TPO
# 60 mil Membrane
# Product Data Sheet

## Updated: 4/11

<table>
<tr><td>

# Product Data Sheet
# EverGuard® TPO
# 60 mil Membrane

</td><td>

**Title 24 ***
**Compliant**

energy
LEARN MORE AT
energystar.gov *

</td></tr>
</table>

## Description

GAF EverGuard® TPO 60 mil thermoplastic polyolefin single-ply membrane systems have been engineered to provide superior long-term performance and enhanced durability. Strong, flexible EverGuard® TPO 60 mil membrane is suitable for use in all types of single-ply systems: Mechanically Attached, Fully Adhered, and Ballast Applied

Compared to other heavy-duty single-ply EPDM, PVC and TPO membranes, GAF EverGuard® TPO 60 mil roofing membrane provides the benefits of all three materials in a single membrane: low installed cost, heat welded seams, white reflective color, and no liquid plasticizers.

## Applicable Standards

UL Listed, FM Approved, Dade County Product Approval, Florida Building Code Approved, CRRC Listed, Title 24 Compliant, ENERGY STAR® Listed, ASTM D6878.

| Physical Properties | ASTM Test Method | ASTM 6878 Minimum | EverGuard® Typical Test Data |
|---|---|---|---|
| 1. Certain data is provided in MD (machine direction) x CMD (cross machine direction) format. 2. Data is based upon typical product performance, and is subject to normal manufacturing tolerance and variance | | | |
| Nominal Thickness | ASTM D-751 | 0.039" (min.) | 0.060" |
| Breaking Strength | ASTM D-751 Grab Method | 220 lbf/in. | 330 lbf x 310 lbf |
| Factory Seam Strength | ASTM D-751 | 66 lbf | 120 lbf (membrane failure) |
| Elongation at Break | ASTM D-751 | 15% | 30% |
| Heat Aging | ASTM D-573 | 90% Retention of Breaking Strength and Elongation at Break | 100% |
| Tear Strength | ASTM D-751 8" x 8" Sample | 55 lbf | 70 lbf x 150 lbf |
| Puncture Resistance | FTM 101C Method 2031 | Not Established | 380 lbs. |
| Cold Brittleness | ASTM D-2137 | -40 C | -40 C |
| Permeance | ASTM E-96 | Not Established | 0.01 Perms |
| Dimensional Change | ASTM D-1204 @158 F, 6 hrs. | +/- 1% | 0.4% |
| Water Absorption | ASTM D-471 @158 F, 1 week | +/- 3.0% (top coating only) | 0.7% |
| Hydrostatic Resistance | ASTM D-751Method D | Not Established | 430 psi |
| Ozone Resistance | ASTM D-1149 | Pass No visible deterioration @ 7 x magnification | No visible deterioration @ 7 x magnification |
| Reflectivity (white) | ASTM C1549 | N/A | 0.76 |
| Emissivity (white) | ASTM C1371 | N/A | 0.90 |

## Product Data

| Roll Size | Note: Product sizes, dimensions, and widths are nominal values and are subject to normal manufacturing/packaging tolerance and variation | | | | |
|---|---|---|---|---|---|
| | **Colors** | **Full Roll Size** | **Full Roll Weight** | **Half Roll Size** | **Half Roll Weight** |
| | White, Tan, Gray, Regal Red, Regal Blue, Hartford Green | 10' x 100' (1,000 sq.ft.) | 322 lbs. | 5' x 100' (500 sq.ft.) | 162 lbs. |
| | | 8' x 100' (800 sq.ft.) | 257.6 lbs. | 4' x 100' (400 sq.ft.) | 128.8 lbs. |
| | Note: Membrane rolls shipped horizontally on pallets. | | | | |
| Storage | Store rolls on their sides on pallets or shelving in a dry area | | | | |
| Safety Warning | Membrane rolls are heavy. Position and install by at least two people. | | | | |

\* White Membrane Only

Energy Star® only valid in the USA