

TITAN® Residential Housewrap – Canada's Favourite Housewrap

Non-Woven, Non-Perforated, Air Barrier & Certified Drainage Material



FEATURES/BENEFITS

Description

The HomeGuard® TITAN® is an advanced Housewrap and Air Barrier Material that has been specifically engineered to provide superior building envelope performance. With premium performance in air holdout and water resistance, the TITAN® non-perforated housewrap minimizes air intrusion and maximizes the thermal efficiency of your wall system. TITAN® is the smart solution behind exterior claddings for commercial and residential construction, including stucco, cement, hardboard, vinyl, wood sidings, brick, and stone.

Available Sizes

TITAN® Housewrap is available in 3' x 100', 9' x 100', 9.6' x 100', 10' x 100'. *Other sizes available upon request.

Air and Water Barrier Performance

Non-Woven and Non-Perforated, allows for breathability, and moisture to pass through. Preventing mold and water damage. Premium tear strength, 3 Ply construction for extreme jobsite durability, Quick & simple installation, Outstanding nail tear resistance, ensures less callbacks for installers and peace of mind knowing that the building envelope is protected, Excellent tape adhesion and Breathable membrane is protected on both sides for added durability.

Warranty Information

The Lifetime Limited coverage in this warranty is designed to cover individual homeowners only. In the event that the product is installed upon property not used by individual homeowners as their residences, or for example property owned by corporations, governments, condominiums, etc. the warranty period will be limited to 30 years. You are covered by this warranty if you live in Canada and are the original owner of the property following the construction of the structure and subsequent installation of TITAN® products purchased after September 1, 2016. EPAK warrants that our product will remain free from manufacturing defects that adversely affect their performance during the applicable warranty term if installed in strict accordance with published installation instructions, accepted industry standards, and applicable building codes in a properly designed and constructed wall system. During the initial 10-year period EPAK will pay the full and reasonable cost of labor and provide replacement product to repair the actual area of damage caused by any defective product. After the initial 10-year period labor will no longer be covered. EPAK's contribution will be limited to providing you with replacement product or reimbursing you for reasonable cost of replacement product at EPAK's sole discretion.

What is not covered:

This warranty covers only defects in the manufacture of TITAN® Housewrap products. It does not cover:

- Damage caused by faulty installation, abuse, improper storage, mishandling, nonstandard installation, neglect, improper maintenance, accident, modification, fire, or vandalism.
- Damage caused by prolonged exposure of the product to UV rays beyond the products specified housewrap.ca limits.
- Damage caused by acts of God, including but not limited to lightning, flood, hail, or high winds.
- Damage caused by defects or failure of the structure.
- Damage caused by use of the product in an area containing a pool, hot tub, whirlpool, Jacuzzi, steam room, sauna, or any other area exposed to a heightened amount of moisture, humidity, or heat.
- Damage caused by foreign objects or agents, or use of materials incompatible with TITAN® products.

Properties

Review all instructions and Material Safety Data Sheet before use. Please contact your local HomeGuard® TITAN® Specialist should you have any questions. Product properties listed below:

Results from Testing TITAN® Housewrap

| Property | Unit | Requirement | Result |
|-------------------------|------|-------------|--------|
| Sheet Width (tolerance) | mm | -6 | pass |

Physical Properties of TITAN® Housewrap

| Property | Test Method | Requirement | Result |
|---|---|--|-------------------|
| Certified Air Barrier Material | ASTM E-2178-03 Air Barrier | <0.02 L/s/m2 | <0.001 |
| Drainage Plane Channel Bulk H2O Flow | ASTM E-2273 Drainage Plane % | ICC-ES AC24 Section 6.11 (90% minimum) | Pass 93% |
| Durability Resistance to tear & rip under wind and joist conditions. | ASTM D-1117 Trap Tear (MD/CD) | Resistance to tearing (zipper) | 12 lbs. / 10 lbs. |
| | ASTM- D882 MD/CD Tensile Strength (lbs.) | >20 lbs. Each MD/CD | 48 lbs. / 39 lbs. |
| Vapor Permeable | WVTR ASTM E-96A | >35g/m2/24 hrs. (5 perms) | 59 Perms |
| Base Weight | Tappi T-410 Basis Weight (oz/yd2) | Weight of fabric (g/m2) | 98 |
| Water Resistance Protection | AATCC-127 Water Resistance (55cm for 5 hours) | 55cm H2O > 5 hours (peak resistance) | Pass (>200cm) |
| UV Resistance | Testing After Aging | Recommended Limits | 270 Days |
| Flame Resistance | ASTM E-84 Flame Spread | Class A | Class A |

