

HOMEGUARD BY HPG
MITTEN

HomeGuard Housewrap

SKU: HG-HOUSEWRAP

WARRANTY

Woven: 10-Year workmanship · Lifetime materials | Titan: Lifetime Limited — 50 years (full labour + product, first 10 years)

PROFILES

Woven Housewrap · Titan Protective Housewrap

HomeGuard Housewrap provides a professional secondary weather resistive barrier for residential and commercial construction. The Woven Housewrap (CCMC Certified, 15 Perms, micro-perforated) and Titan Protective Housewrap (CCMC Dual Certified 14071-R + 14099-R, 59 Perms, 3-ply non-woven, certified drainage plane) protect wall assemblies from air infiltration and bulk water intrusion. Available in 3', 4.5', 9', and 10' widths at 100', 150', and 195' roll lengths.

Key Features

- 2 variants: Woven (15 Perms, micro-perforated, CCMC Certified) and Titan (59 Perms, 3-ply non-woven, CCMC Dual Certified)
- Titan: CCMC 14071-R (Air Barrier) + CCMC 14099-R (Drainage Material) — dual certified
- Woven tensile: 54 lbs MD / 36 lbs CD (vs. 20 lbs minimum, ASTM D 882)
- Class A Flame Spread (ASTM E-84) · UV rated min. 120 days (Woven) / 180 days (Titan)
- Titan Lifetime Limited Warranty — 50 years; Woven 10-year workmanship + lifetime materials
- Secondary weather resistive barrier — resists air infiltration and bulk water while allowing moisture vapour to escape
- Titan drainage plane: 93% efficiency (ASTM E-2773; min. 90%)
- Titan air leakage: < 0.001 L/s/m² (ASTM E-2178) — 20x below standard requirement
- 4 roll widths x 3 roll lengths · Custom printing available (Woven, 1 pallet min.)

Profiles & Specifications

HGHW-WOVEN

HomeGuard Woven Housewrap

Engineered micro-perforated woven polyolefin housewrap. Acts as a secondary weather resistive barrier behind exterior cladding — resists bulk water infiltration while allowing moisture vapour to escape (15 Perms), helping prevent mold and mildew in wall cavities. CCMC Certified as an air barrier and sheathing membrane. Custom printing available (1 pallet minimum). Covered by a 10-Year Warranty on workmanship and lifetime limited warranty on materials.



Material	Woven polyolefin — micro-perforated
Tensile Strength	MD: 54 lbs · CD: 36 lbs (ASTM D 882; min. 20 lbs)
Water Resistance	> 200 cm hydrostatic · 60 min (ASTM D 779; min. 10 min)
Vapour Transmission	15 Perms (ASTM E 96; min. 5 Perms)
Flame Spread	Class A (ASTM E-84)
UV Resistance	180 days (AC38 Section 4.1.2; min. 120 days)
Low Temp Flexibility	Pass (AC38 Section 3.3.4)
Drainage Plane	Pass — 93% (ASTM E-2773; min. 90%)
Certification	CCMC Certified — Air Barrier & Sheathing Membrane
Roll Widths	3' · 4.5' · 9' · 10'
Roll Lengths	100' · 150' · 195'
Custom Printing	Available — company logo, 40"x30" area, 1 pallet min., 3–4 week lead time
Warranty	10-Year workmanship · Lifetime materials

HGHW-TITAN

HomeGuard Titan Protective Housewrap

Premium 3-ply non-woven, non-perforated housewrap engineered for extreme jobsite durability. CCMC Dual Certified as both a certified air barrier and certified drainage material — 93% drainage plane efficiency (ASTM E-2773). Outstanding tear resistance (12 lbs MD / 10 lbs CD trap tear), excellent tape adhesion, and a 59-Perm vapour transmission rating — ideal for Canadian climate conditions. Air leakage < 0.001 L/s/m² (ASTM E-2178). Covered by a Lifetime Limited Warranty (50 years; full labour and replacement for first 10 years). Distributed through EPAK: 1-800-665-8083.



Construction	3-ply non-woven, non-perforated
Basis Weight	98 g/m ² (TAPPI T-410)
Tensile Strength	MD: 48 lbs · CD: 39 lbs (ASTM D-882)
Trap Tear Strength	MD: 12 lbs · CD: 10 lbs (ASTM D-1117)
Air Leakage	< 0.001 L/s/m ² (ASTM E-2178; standard < 0.02)
Drainage Efficiency	93% (ASTM E-2773; min. 90%)
Vapour Transmission	59 Perms (ASTM E-96; min. 5 Perms)
Water Resistance	> 200 cm hydrostatic (AATCC-127)
Flame Spread	Class A (ASTM E-84)
UV Resistance	180 days
CCMC Certifications	14071-R (Certified Air Barrier) · 14099-R (Certified Drainage Material)
Roll Widths	3' · 4.5' · 9' · 10'
Roll Lengths	100' · 150' · 195'
Warranty	Lifetime Limited — 50 years (full labour + product first 10 years; product only thereafter)

Certifications & Testing Standards

HomeGuard Housewrap meets or exceeds the following Canadian and international performance standards.

● CCMC Certified — HomeGuard Woven Housewrap: air barrier and sheathing membrane (Canada)
● CCMC 14071-R — HomeGuard Titan Protective Housewrap: Certified Air Barrier Material
● CCMC 14099-R — HomeGuard Titan Protective Housewrap: Certified Drainage Material
● ASTM E-2178 — Air Barrier Material: Titan < 0.001 L/s/m ² (standard < 0.02 L/s/m ²)
● ASTM E-2773 — Drainage Plane: Both products pass at 93% efficiency (minimum 90%)
● ASTM D 882 — Tensile Strength: Woven 54/36 lbs MD/CD; Titan 48/39 lbs MD/CD (minimum 20 lbs)
● ASTM D-1117 — Trap Tear (Titan): 12 lbs MD / 10 lbs CD
● ASTM E 96 — Water Vapour Transmission: Woven 15 Perms; Titan 59 Perms (minimum 5 Perms)
● AATCC-127 — Hydrostatic Water Resistance: Both products > 200 cm (minimum 55 cm / 5 hrs)
● ASTM E-84 — Class A Flame Spread Rating (both products)
● ICC – AC38 — Industry standard housewrap specifications reference
● 2018 IECC — Compliant air barrier definition: continuous barrier restricting air passage through thermal envelope
● Manufactured by HPG, LLC (HomeGuard Products Inc.), Jacksonville FL · Titan distributed by EPAK, Winnipeg MB · Distributed in Canada by Mitten / Cornerstone Building Brands

Installation Guide

- 1 WEATHER BARRIER** — HomeGuard Housewrap functions as a secondary weather resistive barrier behind exterior cladding. It protects wall assemblies from air infiltration and bulk water intrusion while allowing moisture vapour to escape, helping prevent mold and mildew in wall cavities. Install behind all exterior cladding types as per HomeGuard written installation guidelines.
- 2 VAPOUR PERMEABILITY** — A higher perm number means more vapour permeable. The benchmark for a Type II residential vapour barrier is 1 Perm (US) or 60 Ng (Canadian). HomeGuard Woven is rated 15 Perms; HomeGuard Titan is rated 59 Perms — Titan's rating is described as ideal for Canadian climate conditions where moisture management in wall assemblies is critical.
- 3 DRAINAGE PLANE** — HomeGuard Titan Protective Housewrap is CCMC Dual Certified (14071-R + 14099-R) as both an air barrier and a certified drainage material. Every home should have a drainage plane behind the exterior cladding to redirect bulk water that penetrates the finish down and away from the wall assembly. Titan passes ASTM E-2773 at 93% drainage efficiency (minimum 90%).
- 4 OVERLAPS & SEAMS** — Install housewrap shingle-fashion, working from the bottom up to ensure laps shed water. Overlap horizontal seams to direct water away from the wall assembly. Seal all seams, penetrations, and edges at windows and doors with HomeGuard Seam Tape or compatible tape to maintain the continuous air barrier.
- 5 WINDOW & DOOR OPENINGS** — Use HomeGuard Butyl Flashing or Synthetic Flashing at window and door rough openings to provide a continuous air and weather-tight seal at all frame perimeters. When using Titan with HomeGuard Synthetic Flashing and Seam Tape as a complete system, the assembly is covered under the Lifetime Limited Warranty.
- 6 UV EXPOSURE** — HomeGuard Woven Housewrap is rated for a minimum of 120 days UV exposure (per product label and AC38 Section 4.1.2); the Technical Q&A (2022) states both products have additional UV inhibitor providing 180+ days of protection. Cover with exterior cladding as soon as practical — do not leave exposed beyond the rated period as UV degradation affects performance.
- 7 FASTENING** — Attach housewrap using cap nails, button cap fasteners, or staples approved for housewrap installation. Fasten along stud lines at regular intervals and increase fastening frequency around windows, doors, and all edges. Follow local building code requirements for minimum fastener spacing.
- 8 STORAGE** — Store rolls in original packaging in a cool, dry location away from direct sunlight. Protect from moisture and prolonged UV exposure before installation.



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