

TITAN[®] Protective Housewrap

Residential and Commercial Air Barrier



Air Barrier Material • Drainage Material

HomeGuard[®] TITAN[®] is an advanced Non-Woven, Non-Perforated, Housewrap & Air Barrier Material that has been engineered as a Drainage Material to provide superior performance while exceeding the most stringent criteria for the Building Thermal Envelope.

With premium performance in Air Holdout and Water Resistance, TITAN non-perforated housewrap minimizes air intrusion and maximizes the thermal efficiency of the best designed wall systems.



Titan Protective Housewrap

Available in High Perm (Titan HP+) and Low Perm (Titan LP+)

- ➔ **Water Resistive Barrier** complies with ICC Acceptance Criteria 38 (AC38)
- ➔ **Certified Air Barrier Material** which exceeds ASTM E-2178 minimum requirements
- ➔ **Certified Drainage Material** exceeds ASTM E-2273 performance requirements
- ➔ **Greater Tear Resistance & Strength** than competitive products
- ➔ **Class A Flame Spread Rating:** ASTM E-84

The smart solution behind exterior claddings for commercial and residential construction:

- EIFS and Stucco
- Cement, Hardboard, Vinyl, and Wood Siding
- Brick and Stone Veneer

***please remember to install all housewraps in accordance with proper building codes*

Titan[®] Protective Housewrap was designed with JOBSITE PERFORMANCE in mind.

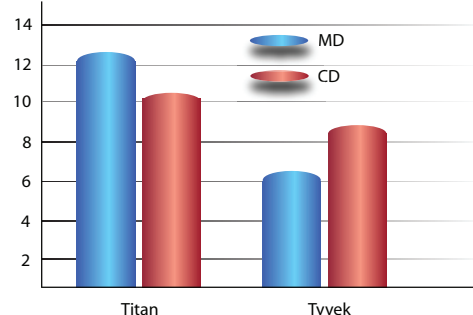
Titan's premium tear strength

Ease of installation

Outstanding Nail Tear Resistance

Ensures Less Callbacks for the installers and Peace of Mind; knowing the building envelope is protected with its class leading performance!

Titan[®] Outperforms Tyvek[®] Homewrap in Durability! (ASTM D1117: Trap Tear Strength)



HomeGuard® TITAN® tests as good as or better than the big-name brands, but is priced far less.

			HomeGuard® Titan® HP	HomeGuard® Titan® LP	**Tyvek® HomeWrap	***Typar®	*Kingspan® GreenGuard® Max	****FortiFiber® Weather-Smart®
	Test Method / Description	Standard Specifications ICC-AC38						
CERTIFIED AIR BARRIER MATERIAL	ASTM E-2178-03 Air Barrier Material	<0.02 L / s / m ²	< 0.001	< 0.001	< 0.004	.001	0.000	<0.02
GURLEY AIR POROSITY	Air Porosity (TAPPI T-460) (sec/100cc-air leakage)	Time Until Leakage	>1000	>1000	1200	>2500	>800	>1000
DRAINAGE PLANE Channel Bulk H2O Flow	ASTM E-2273 Drainage Plane (%)	ICC-ES AC24 Sec 6.11 (90% minimum)	PASS 93%	PASS 93%	Not Recommended	Not Recommended	Not Recommended	PASS 95%
DURABILITY Resistance to Tear & RIP under wind and jobsite conditions	ASTM D-1117 Trap Tear (MD/CD)	Resistance to Tearing (Zipper)	12 lbs/10 lbs	12 lbs/10 lbs	7 lbs/9 lbs	30 lbs/33 lbs	42 lbs/62 lbs	
	ASTM D-5034 MD/CD Tensile Strength (Lbs.)	>20 LBS EACH MD/CD	48 lbs/39 lbs	48 lbs/39 lbs	30 lbs/30 lbs	80 lbs/87 lbs	69 lbs/42 lbs	51 lbs/40 lbs (5034)
VAPOR PERMEABLE Allows Moisture Vapor to Escape	WVTR ASTM E-96A	>35 g / m ² / 24 hrs (5 Perms)	~ 60 Perms	~ 15 Perms	56 Perms / 54 Perms	11.7 Perms	16 Perms	15 Perms
BASIS WEIGHT	TAPPI T-410 Basis Weight (oz/yd ²)	Weight of Fabric (g / m ²)	98	98	60	96	85	110
WATER RESISTANCE Protection Against Water Intrusion	AATCC-127 Water Resistance (55cm for 5 hours)	55 cm H ₂ O > 5 hrs (peak resistance)	Pass (>200cm)	Pass (>200cm)	Pass (>220cm)	Pass (>850cm)	Pass (>2 hrs)	>60 Minutes (ASTM D-779)
UV RESISTANCE	Testing After Aging	Recommended Limits	120 Days	120 Days	120 Days	180 Days	270 Days	180 Days
FLAME RESISTANCE	ASTM E-84 Flame Spread	Class A	Class A	Class A	Class A	Class A	Class A	Class A

***Typar published performance specifications. Typar® is a registered trademark of Fiberweb/Berry Plastics.

**DuPont published performance specifications. Tyvek® is a registered trademark of DuPont.

*Kingspan GreenGuard published performance specifications. GreenGuard® is a registered trademark of Kingspan.

****FortiFiber published performance specifications. WeatherSmart® is a registered trademark of FortiFiber Building Systems Group.

HomeGuard® Titan® is also branded as HomeGuard® Titan® HP Plus and LP Plus

15 YEAR LIMITED WARRANTY HomeGuard® Weather Barrier System

Combine **TITAN® Protective Housewrap** with **HomeGuard RA-Plus Flashing or Arctic-Flash Synthetic, HomeGuard Flexible Butyl Flashing, HomeGuard MS-Polymer Sealant and HomeGuard Seam Tape** to create an energy efficient, complete weather barrier system backed by a 15-year limited warranty.

HomeGuard RA-Plus Flashing-Rubberized Asphaltic flashing with excellent adhesion to most surfaces. Suitable for windows, doors, vents and most thru wall openings. UV Resistant for 180 days. Made in the USA.

HomeGuard Arctic-Flash-Extreme performance synthetic flashing with advanced acrylic adhesive provides a wide install temperature range from -20° F to extreme heat. UV Resistant for 180 days. Made in the USA.

HomeGuard Flexible Butyl Flashing-High performance flexible butyl adhesive flashing for arched windows and doors, window sills and custom shaped penetrations. UV Resistant for 180 days. Made in the USA.

HomeGuard MS-Polymer Sealant-Advanced STP-E polymer chemistry provides a superior bond to most substrates. Use it to seal windows, doors, column joints, gutters, vents/ducts and most molding, trim and siding. Compatible with HomeGuard weather barrier products. Made in the USA.

HomeGuard Seam Tape-UV Protected facer material with aggressive acrylic adhesive designed for sealing the seams of HomeGuard Housewraps.

TITAN Protective Housewrap Roll Sizes and Quantities

3' x 100' - 180 rolls
3' x 165' - 150 rolls
3' x 195' - 120 rolls

4.5' x 100' - 120 rolls
4.5' x 150' - 100 rolls
5' x 200' - 80 rolls

9' x 100' - 60 rolls
9' x 125' - 60 rolls
9' x 150' - 50 rolls

10' x 100' - 60 rolls
10' x 125' - 60 rolls
10' x 150' - 50 rolls



HomeGuard®
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