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

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 Drainage Wrap is available in low and high perm  
Low = 15 perms  
High = 60 perms

### Air Resistive Barrier

Certified Air Barrier Material which exceeds ASTM E-2178 minimum requirements.

### Water Resistive Barrier

Water resistive barrier exceeds AATCC-127 Water Head Test

### Ease of Installation

Designed with jobsite performance in mind with outstanding nail tear resistance, premium tear strength, and superior building envelope protection

### Drainage Efficiency

Certified Drainage material exceeds ASTM E-2273 performance requirements.

# Titan Protective Housewrap

## TITAN Protective Housewrap Roll Sizes and Quantities

3' x 100' - 192 rolls	4.5' x 100' - 128 rolls
3' x 165' - 147 rolls	4.5' x 150' - 98 rolls
3' x 195' - 105 rolls	5' x 200' - 60 rolls
9' x 100' - 64 rolls	10' x 100' - 64 rolls
9' x 125' - 49 rolls	10' x 125' - 49 rolls
9' x 150' - 49 rolls	10' x 150' - 49 rolls

## Attributes

- Excels in air and water resistance, drainage requirements and durability.
- Greater tear resistance and strength than competitive products.
- Class A flame spread rating ASTM E-84
- Smart solution behind exterior cladding for commercial and residential construction; EIFS and stucco, cement, hardboard, vinyl, wood sidings, brick and stone veneer  
*\*please remember to install all housewraps in accordance with proper building codes*

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

			Titan <sup>®</sup> Drainage Wrap HP	Titan <sup>®</sup> Drainage Wrap LP	*Tyvek <sup>®</sup> HomeWrap	*Tyvek <sup>®</sup> Drain Wrap	**Typar <sup>®</sup>	***Kingspan <sup>®</sup> GreenGuard <sup>®</sup> Max	****FortiFiber <sup>®</sup> Weather-Smart <sup>®</sup>
	Test Method/ Description	Standard Specifications ICC-AC308							
Certified air barrier material	ASTM E-2178-03 Air barrier material	<0.02 L/s/m <sup>2</sup>	<0.001	<0.001	<0.004	<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	1200	>2500	>800	>1000
Drainage plane channel bulk H <sub>2</sub> O Flow	ASTM E-2273 Drainage Plane (%)	ICC-ES AC24 Sec 6.11 (90% minimum)	PASS 93%	PASS 93%	Not Recommended	PASS 98%	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)	12lbs/10lbs	12lbs/10lbs	7lbs/9lbs	7lbs/9lbs	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	30 lbs/30 lbs	80 lbs/87 lbs	69 lbs/42 lbs	51 lbs/40 lbs
Vapor permeable allows moisture vapor to escape	WVTR ASTM E-96A	>35 g/m <sup>2</sup> /24 hrs (5 perms)	60 Perms	15 Perms	56 Perms/54 Perms	36 Perms/50 Perms	11.7 Perms	16 perms	15 perms
Basis weight	TAPPI T-410 Basis Weight (oz/yd <sup>2</sup> )	Weight of fabric (g/m <sup>2</sup> )	98	98	60	71	96	85	110
Water resistance protection against water intrusion	AATCC-127 Water resistance (55cm for 5 hours)	55 cm H <sub>2</sub> O > 5 hrs (peak resistance)	Pass (>250cm)	Pass (>250cm)	Pass (>210cm)	Pass (>210cm)	Pass (>850 cm)	Pass (>2hrs)	>60 Minute (ASTM D-779)
UV resistance	Testing after aging	Recommended Limits	120 days	120 days	120 days	120 days	180 days	70 days	180 days
Flame resistance	ASTM E-84 Flame Spread	Class A	Class A	Class A	Class A	Class A	Class A	Class A	Class A

DuPont<sup>®</sup> published performance specifications. Tyvek<sup>®</sup> is a registered trademark of DuPont<sup>®</sup>. \*\*Typar<sup>®</sup> published performance specifications. Typar<sup>®</sup> is a registered trademark of Fiberweb<sup>®</sup>/Berry Plastics.<sup>®</sup> \*\*\*Kingspan<sup>®</sup> GreenGuard<sup>®</sup> published performance specification. GreenGuard<sup>®</sup> is a registered trademark of Kingspan<sup>®</sup>/\*\*\*\*FortiFiber published performance specifications. WeatherSmart<sup>®</sup> is a registered trademark of FortiFiber<sup>®</sup> Building Systems Group. / HomeGuard<sup>®</sup> Titan<sup>®</sup> is also branded as HomeGuard<sup>®</sup> Titan<sup>®</sup> Drainage Wrap.

### 15 YEAR LIMITED WARRANTY

#### Titan<sup>®</sup> Weather Barrier System

Combine Titan<sup>®</sup> Drainage Wrap with Arctic-Flash Synthetic, HomeGuard Flexible Butyl Flashing, Titan Butyl Flashing, HomeGuard Polymer Sealant and HomeGuard Seam Tape to create an energy efficient, complete weather barrier system backed by a 15-year limited warranty.

**Arctic-Flash** - Extreme performance synthetic flashing with advanced acrylic adhesive provides a wide install temperature range from 0° F to extreme heat. UV Resistant for 180 days. Made in the USA.

**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.

**Titan Butyl Flashing** - is a high tack, high performance self-adhered window and door flashing tape designed with a wide application temperature range from 20° F to extreme heat of 160° F without requiring primer or mechanical fasteners.

**HomeGuard 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.

