



OX Engineered Products
22260 Haggerty Road Suite 365
Northville, MI 48167
p. 1.800.345.8881
f. 248.289.9955
oxep.com



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.

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 [®] Drainage Wrap	*Tyvek [®] HomeWrap	**Typar [®]	***Kingspan [®] GreenGuard [®] Max	****Benjamin Obdyke HydroGap [®]	*****FortiFiber WeatherSmart [®]
	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	<0.004	001	0.000	0.0082	>0.02
Gurley air porosity	Air porosity (TAPPI T-460) (sec/100cc-air leakage)	Time Until Leakage	>1000	1200	>2500	>800	>800	>1000
Drainage plane channel bulk H ₂ O Flow	ASTM E-2273 Drainage Plane (%)	ICC-ES AC24 Sec 6.11 (90% minimum)	PASS 93%	Not Recommended	Not Recommended	Not Recommended	PASS 96%	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	7lbs/9lbs	30 lbs/33 lbs	42 lbs/62 lbs		
Vapor permeable allows moisture vapor to escape	ASTM D-5034 MD/CD Tensile Strength (Lbs.)	>20 Lbs each MD/CD	48 lbs/39 lbs	30 lbs/30 lbs	80 lbs/87 lbs	69 lbs/42 lbs	58 lbs/50 lbs	51 lbs/40 lbs
Basis weight	WVTR ASTM E-96A	>35 g/m ² / 24 hrs (5 perms)	60 Perms	56 Perms/54 Perms	11.7 Perms	16 perms	16 perms	15 perms
Water resistance protection against water intrusion	TAPPI T-410 Basis Weight (oz/yd ²)	Weight of fabric (g/m ²)	98	60	96	85	146	110
UV resistance	AATCC-127 Water resistance (55cm for 5 hours)	55 cm H ₂ O > 5 hrs (peak resistance)	Pass (>200cm)	Pass (>220cm)	Pass (>850 cm)	Pass (>2hrs)	Pass (>55cm)	>60 Minutes (ASTM D-779)
	Testing after aging	Recommended Limits	120 days	120 days	180 days	70 days	120 days	180 days
Flame resistance	ASTM E-84 Flame Spread	Class A	Class A	Class A	Class A	Class A	Class A	Class A

DuPont[®] published performance specifications. Tyvek[®] is a registered trademark of DuPont[®] / **Typar[®] published performance specifications. Typar[®] is a registered trademark of Fiberweb[®]/ Berry Plastics / ***Kingspan[®]/GreenGuard[®] published performance specification. GreenGuard[®] is a registered trademark of Kingspan[®]/ ****Benjamin Obdyke[®] published performance specifications. HydroGap[®] is a registered trademark of Benjamin Obdyke[®] / *****FortiFiber published performance specifications. WeatherSmart[®] is a registered trademark of FortiFiber[®] Building Systems Group. / HomeGuard[®] Titan[®] is also branded as HomeGuard[®] Titan[®] Drainage Wrap.

15 YEAR LIMITED WARRANTY

Titan[®] Weather Barrier System

Combine Titan[®] 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.

