



## GreenGuard® HPW™ Building Wrap

### Submittal

Job Reference

Job Name

Job Location

Submitted To

Submitted By

Date

Phone

### Application

For use as an air barrier and water-resistive barrier in construction environments where optimum barrier performance is desired.

### Description

*Kingspan GreenGuard® HPW™ Building Wrap* is a non-woven building wrap with a breathable polyolefin coating that performs as both a water-resistive barrier and as an air barrier in accordance with the International Building, Residential and Energy Codes.

It is an excellent secondary weather barrier that helps deflect water and wind-driven rain, yet is designed to breathe to assist trapped moisture vapor to escape, helping walls dry faster.

*Kingspan GreenGuard® HPW™ Building Wrap* is non-perforated, providing superior resistance against the rain before the siding goes on and against water that seeps through the siding after installation. *Kingspan GreenGuard® HPW™ Building Wrap* is UV resistant up to 9 months.

Date

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### Benefits

- Advanced moisture management
- Air barrier
- Water-resistive barrier
- Commercial and residential applications
- Breathes to allow moisture vapor to escape

### Warranty

- Standard 10-Year Limited Warranty;
- 15-Year Limited System Warranty Available with Flashing & Tape.

Contact your Kingspan representative or contact Kingspan Insulation LLC, 800-241-4402 for additional information, or visit [www.kingspaninsulation.us](http://www.kingspaninsulation.us)



# GreenGuard® HPW™ Building Wrap

## Code Compliance

Intertek CCRR-1018 for IBC, IECC and IRC Compliance;  
ASTM E 2556 Type II Weather-Resistive Barrier;  
ASTM D 226, Type I (Specification for Building / Roofing Paper);  
ASTM E 2178 – Air Permeance (Air Barrier Materials);  
AC 38 – Acceptance Criteria for Water-Resistive Barriers;  
HUD / FHA UU-B-790a – Equivalent to Grade D / Type 15 Building Paper.

## Handling & Storage

When stored outdoors, all product should be protected from exposure to direct sunlight using the original packaging or an opaque, light-colored tarp. Material that has been unwrapped should be covered or rewrapped.

**WARNING:** This product is combustible. A protective barrier or thermal barrier is required as specified in the appropriate building code. Protect it from exposure to open flame or other ignition sources during shipping, storage and installation.

## Health & Safety

Kingspan **GreenGuard**® HPW™ Building Wrap is made of synthetic materials that are generally recognized as not providing a food source for insects, fungus, mold, or mildew. It should always be properly installed and stored.

For more information on specific building product recommendations and installation guidelines, contact your Kingspan Insulation LLC representative.

For the most current product and compliance information go to [www.kingspaninsulation.us](http://www.kingspaninsulation.us)

## Product Data

Property	Test Method	Value
General		
Nominal Thickness (in / mils)	ASTM D 1777	0.016 / 16
Nominal Width (ft)		9 / 10
Weight (lb / 1,000 ft <sup>2</sup> )	ASTM D 3776	19
Tensile Strength (MD / TD) <sup>1</sup> (lb/in)	ASTM D 5034	48 / 47
Trapezoid Tearing Strength (MD / TD) <sup>1</sup> (lb/ft)	ASTM D 1117	21 / 23
Water Resistance (minutes)	ASTM D 779	> 60
Water Penetration Resistance (CM H <sub>2</sub> O)	AATCC-127	> 500
Water Vapor Permeance (perm)	ASTM E 96 (Desiccant Method) (Water Method)	43 38
Water Vapor Transmission Rate (g / m <sup>2</sup> / 24 hr)	ASTM E 96 (Desiccant Method) (Water Method)	307 264
Air Permeance (L / s / m <sup>2</sup> @75 Pa) (cfm / ft <sup>2</sup> @1.57 psi)	ASTM E 2178	0.001 0.000
Fire & Smoke		
Flame Spread <sup>2</sup> Smoke Developed <sup>2</sup>	ASTM E 84	5 (Class A) 65

<sup>1</sup> Machine Direction / Cross Direction.

<sup>2</sup> These numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this material under actual fire conditions. All applicable building codes must be followed.

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