



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 6 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



GreenGuard® HPW™ Building Wrap

Code Compliance

Intertek CCRR-1018 for IBC, IECC and IRC Compliance;
ASTM D226, Type I (Specification for Building/Roofing Paper);
ASTM E2178 – Air Permeance (Air Barrier Materials);
ASTM E2556, Type II – Standard specification for vapor permeable flexible sheet water-resistive barriers intended for mechanical attachment;
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.



Product Data

Property	Test Method	Value
General		
Nominal Thickness (in / mils)		0.017 / 17
Nominal Width (ft)		9 / 10
Weight (lb/1000 ft²)	ASTM D3776	19
Tensile Strength (MD / TD) ¹ (lb/in)	ASTM D5034	50 / 40
Water Penetration Resistance (CM H ₂ O)	AATCC-127	Pass
Water Vapor Permeance (perm)	ASTM E96 (Desiccant Method)	24
Water Vapor Transmission Rate (g/m²/24 hr)	ASTM E96 (Desiccant Method)	170
Air Permeance (L/s/m²@ 75 Pa) (cfm/ft²@1.57 psf)	ASTM E2178	0.002 0.000
Fire & Smoke		
Flame Spread ² Smoke Developed ²	ASTM E84	0 (Class A) 75

¹ Machine Direction / Cross Direction.

² 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.

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

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