



# GreenGuard® VW™ Building Wrap

FOR USE AS A WATER-RESISTIVE BARRIER ON WALLS



- Protects against air and water infiltration
- Designed not to tear, making it tough and reliable



# GreenGuard® VW™ Building Wrap

## Description

Kingspan **GreenGuard**® VW™ Building Wrap is a cross-woven polyolefin wrap designed to perform as an air infiltration barrier, moisture protection barrier and water resistive barrier in accordance with the International Residential, Energy and Building 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. Stays UV-stable up to 12 months.

## Compliance

Intertek CCRR-1018 for IBC, IECC and IRC Compliance;  
DrJ Engineering TER No. 1407-05 (NFPA 285);  
ASTM D 226, Type I (Specification for Building/Roofing Paper);  
ASTM E 1677, Type I (Specification for Air Infiltration Barriers);  
ASTM E 2556, Type I (Specification 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**® VW™ 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)

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## Product Data

Property	Test Method	Value
General		
Nominal Thickness (in) (mils)	ASTM D 1777	0.004 4
Nominal Width (ft)		4.5 / 9 / 10
Weight (lb/1000 ft <sup>2</sup> )	ASTM D 3776	13.3
Tensile Strength (MD / TD) <sup>1</sup> (lb/in)	ASTM D 882	65 / 30
Trapezoid Tearing Strength (MD / TD) <sup>1</sup> (lb/in)	ASTM D 4533	35 / 20
Burst Strength (psi)	ASTM D 751	111
Water Resistance (10 minute min)	ASTM D 779	60
Water Vapor Permeance (perm)	ASTM E 96 (Desiccant Method)	10
Water Vapor Transmission Rate (g/m <sup>2</sup> /24 hr)	ASTM E 96 (Desiccant Method)	69
Air Leakage Rate / Air Resistance (cfm/ft <sup>2</sup> @75 Pa / 25 mph)	ASTM E 283	0.03
Structural Integrity (minimum 1 hr@500 Pa / 65 mph)	ASTM E 330 (Procedure A)	Pass
Water Resistance (15 min@27 Pa / 15 mph)	ASTM E 331	Pass
Fire & Smoke		
Flame Spread <sup>2</sup> Smoke Developed <sup>2</sup>	ASTM E 84	0 (Class A) 25

<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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