

Insulation

US

# GreenGuard<sup>®</sup>

## VW<sup>™</sup> Building Wrap

Value Water-Resistive Barrier for Walls.



- Protects against air and water infiltration
- Designed not to tear, making it tough and reliable
- Meets AC38 and the Building Code



# GreenGuard® VW™ Building Wrap

## Description

Kingspan GreenGuard® VW™ Building Wrap is a value-driven, 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 6 months.

## Compliance

Intertek CCRR-1018 for IBC, IECC and IRC Compliance;

DrJ Engineering TER No. 1407-05 (NFPA 285);

ASTM E 2556, Type I (Specification for Water-Resistive Barriers);

## 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.

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| Product Data   |                                |                      |
|--|--------------------------------|----------------------|
| Property   | Test Method                    | Value                |
| General  |                                |                      |
| Nominal Thickness<br>(in)<br>(mils)                        | ASTM D1777                     | 0.004<br>4           |
| Nominal Width (ft)   |                                | 4.5 / 9 / 10         |
| Weight<br>(lb/1000 ft²)                                    | ASTM D3776                     | 13                   |
| Tensile Strength (MD /TD) <sup>1</sup><br>(lb/in)          | ASTM D882                      | 45/29                |
| Trapezoid Tearing Strength (MD/TD) <sup>1</sup><br>(lb/in) | ASTM D4533                     | 32/41                |
| Water Resistance<br>(10 minute min)                        | ASTM D779                      | 10                   |
| Water Vapor Permeance<br>(perm)                            | ASTM E96<br>(Desiccant Method) | 10                   |
| Water Vapor<br>Transmission Rate<br>(g/m²/24 hr)           | ASTM E96<br>(Desiccant Method) | 69                   |
| Water Resistance<br>(15 min@27 Pa /15 mph)                 | ASTM E331                      | Pass                 |
| Fire & smoke   |                                |                      |
| Flame Spread <sup>3</sup><br>Smoke Developed <sup>3</sup>  | ASTM E84                       | 25 (Class A)<br><450 |

<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.



Please scan the QR code for the most recent product information.

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