



GreenGuard[®] MAX[™] Building Wrap

FOR USE AS AN AIR BARRIER AND WATER-RESISTIVE BARRIER IN CONSTRUCTION ENVIRONMENTS WHERE OPTIMUM BARRIER PERFORMANCE IS DESIRED



- Maximum protection against water and air infiltration
- Maximum durability on the job site
- Performs as an air barrier and water-resistant barrier
- High resistance to tearing
- Residential and commercial applications
- Breathes to allow moisture vapor to escape
- Translucent for easy installation



GreenGuard® MAX™ Building Wrap

Description

Kingspan GreenGuard® MAX™ Building Wrap is a cross-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® MAX™ 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® MAX™ Building Wrap is UV resistant up to 120 days.

Compliance

Intertek CCRR-1018 for IBC, IECC and IRC Compliance;
DrJ Engineering TER No. 1407-05 (NFPA 285);
ASTM D226, Type I (Specification for Building / Roofing Paper);
ASTM E1677, Type II (Specification for Air Infiltration Barriers);
ASTM E2178 – Air Permeance (Air Barrier Materials);
ASTM E2357 – Air Barrier Assembly (go to www.airbarrier.org);
ASTM E2556, Type II (Specification for Water-Resistive Barriers);
HUD/FHA UU-B-790a – Equivalent to Grade D/Type 15 Building Paper;
CCMC 13280-R- Sheathing Membrane;
CCMC 13290-R- Air Barrier Material.

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® MAX™ 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

Kingspan Insulation LLC believes the information and recommendations herein to be accurate and reliable. However, since use conditions are not within its control, Kingspan Insulation LLC does not guarantee results from use of such products or other information herein and disclaims all liability from any resulting damage or loss. No warranty, express or implied, is given as to the merchantability, fitness for particular purpose, or otherwise with respect to the products referred to.

Product Data

Property	Test Method	Value
General		
Nominal Thickness (in) (mils)	ASTM D1777	0.018 18
Nominal Width (ft)		9 / 10
Weight (lb/1000 ft ²)	ASTM D3776	17.3
Tensile Strength (MD / TD) ¹ (lb/in)	ASTM D882	69 / 42
Trapezoid Tearing Strength (MD / TD) ¹ (lb/in)	ASTM D4533	42 / 62
Water Penetraton Resistance (cm H ₂ O)	AATCC-127	>600
Water Resistance (minutes)	ASTM D779	>120
Water Vapor Permeance (perm)	ASTM E96 (Desiccant / Water Method)	16 / 25
Water Vapor Transmission Rate (g/m ² /24 hr)	ASTM E96 (Desiccant / Water Method)	111 / 173
Air Permeance (L/s/m ² @75 Pa) (cfm/ft ² @1.57 psf)	ASTM E2178	0.000 0.000
Air Penetration Resistance (seconds per 100 cc)	TAPPI T460	>800
Air Resistance / Wall Assembly (L/s/m ² @75 Pa) (cfm/ft ² @1.57 psf)	ASTM E2357	<0.01 0.00
Air Leakage Rate / Air Resistance (cfm/ft ² @1.57 psf / 25 mph)	ASTM E283	0.01
Structural Integrity (minimum 1 hr@500 Pa / 65 mph)	ASTM E330 (Procedure A)	Pass
Water Resistance (15 min@27 Pa / 15 mph)	ASTM E331	Pass
Fire & Smoke		
Flame Spread ² Smoke Developed ²	ASTM E84	0 (Class A) 25

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.



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