



GreenGuard[®] C2000 Building Wrap

FOR USE AS A WATER-RESISTIVE BARRIER AND AIR BARRIER IN ENVIRONMENTS WHERE EXTREMELY HIGH VAPOR PERMEANCE IS REQUIRED



- Qualified air barrier
- Excellent water-resistive barrier
- Extremely high vapor permeance
- Suitable for residential and commercial applications
- Helps block wind-driven rain



GreenGuard® C2000 Building Wrap

Description

Kingspan GreenGuard® C2000 Building Wrap is a spun-bonded polypropylene membrane, designed to provide a very high level of water vapor permeance, for commercial applications that require an enhanced level of vapor control.

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.

Based on microporous technology, the core film of this three-layer wrap allows moisture vapor to escape at a rate substantially higher than other wraps. The three-layer structure also makes it extremely tough. Kingspan GreenGuard® C2000 Building Wrap provides superior resistance to tearing and fastener pull-through. Stays UV-stable up to 9 months.

Compliance

See 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 II (Specification for Air Infiltration Barriers); ASTM E 2178 – Air Permeance (Air Barrier Materials); ASTM E2357 – Air Barrier Assembly (go to www.airbarrier.org); ASTM E 2556, Type II (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® C2000 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.

Product Data

Property	Test Method	Value
General		
Nominal Thickness (in) (mils)	ASTM D 1777	0.023 23
Nominal Width (ft)		5 / 10
Weight (lb/1000 ft ²)	ASTM D 3776	35.8
Tensile Strength (MD / TD) ¹ (lb/in)	ASTM D 882	38 / 23
Trapezoid Tearing Strength (MD / TD) ¹ (lb/in)	ASTM D 4533	16 / 26
Water Penetration Resistance (cm H ₂ O)	AATCC-127	>600
Water Vapor Permeance (perm)	ASTM E 96 (Water Method)	94
Water Vapor Transmission Rate (g/m ² /24 hr)	ASTM E 96 (Water Method)	653
Air Permeance (L/s/m ² @75 Pa) (cfm/ft ² @1.57 psf)	ASTM E 2178	0.001 0.000
Air Resistance / Wall Assembly (L/s/m ² @75 Pa) (cfm/ft ² @1.57 psf)	ASTM E 2357	0.01 0.00
Air Leakage Rate / Air Resistance (cfm/ft ² @1.57 psf / 25 mph)	ASTM E 283	0.01
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 ²	ASTM E 84	Class A

¹ Machine Direction / Cross Direction

² This numerical flame spread rating is not intended to reflect hazards presented by this material under actual fire conditions. All applicable building codes must be followed.

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