

GreenGuard® C2000 Building Wrap DATA SHEET



Description: GreenGuard® C2000 consists of a spun-bonded polypropylene material that provides a very high level of water vapor permeance for commercial applications that require an enhanced level of vapor control. GreenGuard® C2000 performs as both a water-resistive barrier and an air barrier material, which are required for all commercial applications.

Product Sizes:

Product Number	Color	Roll Dimensions (W x L)	Rolls/Pallet	Square Feet/Roll	Square Feet/Pallet	Pallet Size (L x W)
C200005168	GREEN	5' x 168'	30	840	25,200	42" x 60"
C200010125	GREEN	10' x 125'	30	1,250	37,500	42" x 120"

Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>GreenGuard C2000</u>
Thickness (inches) (mils)	ASTM D 1777	.023 23
Weight (lbs./1000 ft ²)	ASTM D 3776	35.8
Tensile Strength (lbs/in., MD/TD) ¹	ASTM D 882	38/23
Trapezoid Tearing Strength (lbs., MD/TD) ¹	ASTM D 1117	16/26
Water Penetration Resistance (55 cm H ₂ O for 5 hrs.)	AATCC-127	>600
Water Vapor Permeance (perms)	ASTM E 96 Procedure B	94
Water Vapor Transmission Rate (g/m ² /24 hrs.)	ASTM E 96 Procedure B	549
Fire Characteristics ²	ASTM E 84	Class A
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	Pass
Water Resistance (15 min. @ 27 Pa/15 mph)	ASTM E 331	Pass

¹ Machine Direction/Cross Direction.

² This rating is not intended to reflect hazards presented by this material under actual fire conditions.



Compliance: Meets the water-resistive barrier requirements of the International Building and Residential Codes.
Meets the air permance requirements for air barrier materials in accordance with the National Building Code of Canada.
HUD/FHA UU-B-790a, Equivalent to Grade D Paper, Type 15
Equivalent to ASTM D 226, Type 1 (Standard Specifcaiton for Felt Building Paper/Roofing Paper)
ASTM E 1677, Type 1 (Standard Specification for Air Retarder Material or System for Low-Rise Framed Building Walls)

Outdoor Exposure (UV Stability): GreenGuard® C2000 Building Wrap maintains UV stability for up to 9 months.

Storage and Handling: 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: Plastic building wrap materials will ignite if exposed to fire of sufficient heat and intensity. Protect plastic building wraps from exposure to open flame or other ignition sources during shipment, storage and installation.



DS-C2000-BW
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