



SPECIALTY BUILDING WRAPS

Grip-Rite® specialty building wraps put a powerful layer between exterior walls and the weather.

Grip-Rite specialty wraps meet or exceed ICC-ES AC308 acceptance criteria for weather resistive barriers.

1. Product Names:

- Grip-Rite® Commercial Grade-D Wrap
- Grip-Rite® Drainage Grade Wrap
- Grip-Rite® Custom Print LWE Grade Wrap

2. Manufacturer:

PrimeSource Building Products, Inc.
 1321 Greenway Drive, Irving, TX 75038
 972-999-8500
www.primesourcebp.com | www.grip-rite.com

3. Product Description:

Grip-Rite Commercial Grade-D Wrap:

Grip-Rite Commercial Grade-D is a commercial-grade building wrap and air barrier, incorporating a heavy-duty, cross-woven structure. It is the best choice for severe weather protection. Providing the highest real-world resistance to moisture, it is well-suited for residential and commercial projects demanding the highest level of durability. Grip-Rite Commercial Grade-D is a recognized air barrier material that allows for the transfer of moisture vapor, creating a more energy-efficient structure for projects.

Benefits:

- ✔ **Strength:** Grip-Rite Commercial Grade-D provides class-leading strength for exceptional durability in commercial projects.
- ✔ **Industry Leading Weather Protection:** Exceptional water-resistance is a critical component of a high-functioning wall system.
- ✔ **Breathability:** Grip-Rite Commercial Grade-D is engineered to facilitate moisture movement, creating a healthier and better performing building envelope.
- ✔ **Energy Efficiency:** Grip-Rite Commercial Grade-D is recognized as an air barrier material, exceeding the performance requirements of the IRC, IBC & IECC.
- ✔ **Simple Application:** Lightweight, yet durable, Grip-Rite Commercial Grade-D is translucent which makes locating studs, openings, and corners quick and easy.
- ✔ **Meets Building Codes:** Grip-Rite Commercial Grade-D is rated for commercial projects and offers excellent performance in residential applications. It meets or exceeds applicable building codes for water-resistant barriers and air barriers, creating a healthier, more energy-efficient building.
- ✔ **UV Exposure Rating:** Grip-Rite Commercial Grade-D contains unique light-stabilizers and resists excessive degradation. UV treatment does not affect our 90 day maximum exposure recommendation.



Grip-Rite® Drainage Grade Wrap

Grip-Rite Drainage Grade Wrap:

Grip-Rite Drainage Grade combines enhanced drainage capability, water-resistance and air barrier properties in one dynamic product. It promotes movement of moisture behind conventional siding and installs efficiently. Grip-Rite Drainage Grade is UV-stabilized and may be left exposed for up to 120 days.

Benefits:

- ✔ **Drainage Barrier:** Grip-Rite Drainage Grade improves the drainage efficiency of house-wrap to promote moisture movement away from the wall.
- ✔ **Breathable:** Grip-Rite Drainage Grade's high breathability facilitates moisture movement for a better functioning building envelope.
- ✔ **Air-Barrier:** Exceeds the requirements for air barrier materials and is recognized for use under the IRC, IBC and IECC.
- ✔ **Non-Perforated:** Exceptional water-resistance is accomplished through non-perforated structure.
- ✔ **Meets Building Codes:** Grip-Rite Drainage Grade is rated for commercial projects. It meets or exceeds applicable building codes for water-resistant barriers, air barriers and drainage rates, creating a more energy-efficient building.
- ✔ **Stable:** Grip-Rite Drainage Grade is treated to resist excessive degradation from normal exposure to ultraviolet light. UV treatment does not affect our 90 day maximum exposure recommendation.





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Grip-Rite Custom Print LWE Grade Wrap:

Grip-Rite Light Weight Economy Grade wrap is a code compliant House-Wrap that is only available with custom printed logos and advertising.

Benefits:

- ☑ **Breathability:** LWE Grade is engineered to facilitate moisture movement, creating a healthier and better performing building envelope.
- ☑ **Simple Application:** Lightweight, yet durable, LWE Grade is translucent which makes locating studs, openings, and corners quick and easy.
- ☑ Made from High Density Woven polyethylene and coated on one side with Low Density polyethylene.
- ☑ **Meets Building Codes:** LWE Grade offers excellent performance in residential applications. It meets or exceeds applicable building codes for water-resistant barriers and air barriers. AC38 compliant.
- ☑ **UV Exposure Rating:** LWE Grade contains unique light-stabilizers and resists excessive degradation. UV treatment does not affect our 90 day maximum exposure recommendation.

Custom Printing Only on LWE Grade:

With small minimum orders you can advertise your company logo using one of the most flexible and dynamic multi-color printing options on the market today. Grip-Rite can even meet your custom print needs with short lead times from our domestic converter.

Custom Print Details:

- ☑ Three lane printing
- ☑ Standard colors – Blue, red, green, black
- ☑ Custom colors available
- ☑ Standard logo size – 225 square inches
- ☑ Logo repeat – 48 in.
- ☑ Set up fees may apply

CUSTOM

4. Evaluations and Specifications:

- ☑ ICC-ES ESR-3353
- ☑ AC38 Grade-D
- ☑ ASTM D 226 (applicable properties)
- ☑ ASTM E2178
- ☑ ASTM E96
- ☑ ASTM E84
- ☑ AATCC 127 (Drainage Grade Only)

5. Precautions and Limitations:

- ☑ Grip-Rite House-Wrap is not intended for use as a primary weather barrier.
- ☑ Grip-Rite House-Wrap should not be left exposed to direct sunlight more than 90 days.
- ☑ Final exterior siding must be applied within 90 days.
- ☑ Not intended to withstand foot traffic.

- ☑ Material surface becomes slippery when wet.
- ☑ Do not expose to surfactants.
- ☑ Sealing tape required on all seams.
- ☑ Cap fasteners required on all fastenings.

6. Installation Instructions:

First and foremost, comply with all local building codes and permitted plans. Stage the project with scaffolding, pump jacks or other safe staging means that comply with state and local safety regulations.

Grip-Rite weather resistive barriers shall be installed over sheathed exterior walls only (except for allowable open stud applications). Carefully inspect the substrate to insure it is suitable for covering. The sheathing should be dry and properly secured to the framing. If the walls are insulated from the exterior, insure the insulation is adequately secured to the walls in compliance with the manufacturer's installation instructions.

Exterior wall penetrations, including windows, vents, hose bibs, electrical boxes and knife plates, shall be flashed in compliance with local building codes and manufacturer's published installation instructions. Flashing materials shall comply with ICC Acceptance Criteria. Flashings and Grip-Rite weather resistive barriers shall be fully integrated to shed water. To form an air barrier, all joints and transitions must be fully sealed with an approved tape. Grip-Rite House-Wrap Tape® and Grip-Rite Window and Door Protector® flashings are recommended.

Grip-Rite weather resistive barriers shall be secured to the substrate with 1 in. plastic headed cap nails for wood framing and minimum #7 diameter screws with plastic washers for steel framing. Grip-Rite fasteners are recommended for this application. Fasteners shall adequately penetrate the framing into the studs for a secure connection. The purpose of the attachment is preliminary attachment only. Full attachment is achieved with the cladding application.

Where battens are installed for rain screen applications, the barrier may be secured with the battens at each stud.

The barrier shall be installed with the printed side out. Apply horizontally at the base of the wall, overlapping the bottom of the sheathing by 1 in. Overlap each successive course a minimum of 6 in. at the side laps and 8 in. at the end laps. Fasteners shall be placed every 12 in. - 18 in. OC on the vertical studs and 8 in. OC at the sill and top plates.

When installing over non-structural sheathing, attachment shall be to the framing members, fully penetrating the sheathing and any exterior insulation; 3/4 in. embedment into the framing is recommended.

Wrap inside and outside corners a minimum of 8 in. to create a double layer of house-wrap at all corners.

If the barrier is to provide temporary protection of the exterior walls, insure the top course is fully sealed to resist water infiltration.



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When the exterior cladding is stucco and the sheathing layer is wood-based, two layers of weather resistive barrier are required unless the lath includes a layer of Grade-D paper or a separate layer of Grade-D paper is applied over the base layer of weather resistive barrier. All applications shall be compliant with local building codes and industry practice.

Do not apply any surfactants or additives containing surfactants to the surface of the barrier as these will negatively impact the water hold-out performance of the product.

Grip-Rite weather resistive barriers have been designed as a barrier for application to exterior vertical walls. The product has not been designed, nor is it approved, for any uses resulting in foot traffic.

Grip-Rite weather resistive barriers are not a vapor retarder or vapor barrier. Please refer to the specific ICC-ES ESR Reports listed below for additional testing or physical property information.



Grip-Rite® Commercial Grade-D Wrap imprint



Grip-Rite® Drainage Grade Weather & Air Barrier imprint





SPECIALTY BUILDING WRAPS

Grip-Rite® Commercial Grade-D Roll Packaging

SKU	Size	Rolls/ Pallet
CGD5125GR	5 ft x 125 ft	168
CGD9125GR	9 ft x 125 ft	90
CGD10125GR	10 ft x 125 ft	84

Grip-Rite® Drainage Grade Wrap Roll Packaging

SKU	Size	Rolls/ Pallet
HWD3125GR	3 ft x 125 ft	198
HWD9125GR	9 ft x 125 ft	66
HWD10125GR	10 ft x 125 ft	66

Grip-Rite® LWE Grade Roll Packaging

SKU	Size	Rolls/ Pallet
DGR3100	3 ft x 100 ft	90
DGR9100	9 ft x 100 ft	60
DGR9150	9 ft x 150 ft	56
DGR9195	9 ft x 195 ft	52
DGR10100	10 ft x 100 ft	60
DGR10150	10 ft x 150 ft	56
DGR10195	10 ft x 195 ft	52

Grip-Rite House-Wrap Tape

SKU	Size	Rolls/ Sleeve	Rolls/ Master Carton
HWT178165	1-7/8 in. x 165 ft	6	36

- Ultra-strong biaxial oriented polypropylene
- Packed in shelf-ready display cartons
- Acrylic adhesive seals perfectly to Grip-Rite House-Wrap and other leading brands



Physical Properties

Properties	Standard	Unit of Measure	Custom Print LWE Grade	Drainage Grade	Commercial Grade-D
Basis Weight	ASTM D5261	gsm	65	72	90
Breaking Strength (MD/CD)	ASTM D828	lb./in.	46/36	30/32	71/50
Drainage Efficiency	ASTM E2273	% Efficiency	—	95	—
Water Vapor Transmission Rate	ASTM E96, Method A	g/m ² /24 hours	70	406	84
Water Vapor Permeance	ASTM E96, Method A	perms	10	58	12
Water Penetration Resistance	AATCC 127	cm H ₂ O	N/A	200	500
Water Resistance	ASTM D779	minutes	60	60	60
Water Ponding	ASTM E2556, A 1.1	Pass/Fail	N/A	—	Pass
Air Resistance	ASTM E2178	L/sec/m ² @ 75 Pa	< 0.02	< 0.02	0.01
Flame Spread Index	ASTM E84	Class	A	A	A
Smoke Developed Index	ASTM E84	Class	A	A	A
Ultraviolet Light (UV) Exposure	Internal	Days	300	120	180

(1) Results reflect typical properties of control/non-conditioned specimens. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.

Applicable Certifications and Evaluation Reports

ICC Evaluation Services Report ESR-3353
Oregon Specialty Code, Section 703.1.1, Exception 1

PRIME**SOURCE**[®]
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