



WEATHER RESISTIVE BARRIERS

Grip-Rite® weather resistive barriers put a powerful layer between exterior walls and the elements.

Grip-Rite weather resistive barriers meet or exceed ICC AC 38 Acceptance Criteria for weather resistive barriers.

1. Product Names:

Grip-Rite® Commercial Grade Weather Barrier
Grip-Rite® Premium House-Wrap
Grip-Rite® House-Wrap-E
Grip-Rite® House-Wrap-LWE

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:

Composition:

Grip-Rite weather resistive barriers are made of a durable high density polyethylene woven substrate that possesses very high tensile strength that resists tearing that results from high wind exposure. Superior UV treatment allows exposure for over six months without deterioration. Grip-Rite House-Wrap and Commercial Grade weather resistive barriers are coated on both sides with LDPE. Grip-Rite House-Wrap-E and LWE are coated on one side. All Grip-Rite WRBs are micro-perforated to allow breathing.

Application:

- ☑ Grip-Rite weather resistive barriers can be used in any code compliant application that calls for AC 38 compliance to Grade D building paper
- ☑ Grip-Rite House-Wrap and Commercial Grade function as an air barrier and meet the requirements of the Air Barrier Association of America
- ☑ Grip-Rite weather resistive barriers function as a moisture protection barrier, an air infiltration barrier, and a weather resistive barrier
- ☑ Grip-Rite weather resistive barriers can be used over exterior wood based sheathing in plaster applications when applied in two layers
- ☑ Grip-Rite House-Wrap can be used in open stud construction. **Special installation instructions apply**

Benefits:

- ☑ Suitable for a wide range of climates
- ☑ Minimizes air infiltration, allowing exterior walls to have higher insulation performance
- ☑ Permits moisture to escape the stud wall, preventing damage to the interior wall cavity
- ☑ Prevents bulk water intrusion, protecting the sheathing and stud wall components





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4. 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.

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.

5. Standards and Approvals:

- ☑ ICC-ES ESR 2248 - Grip-Rite Premium House-Wrap
- ☑ ICC-ES ESR 2248 - Grip-Rite House-Wrap-E
- ☑ ICC-ES ESR 2248 - Grip-Rite Commercial Grade
- ☑ ICC-ES ESR 3729 - Grip-Rite House-Wrap-LWE
- ☑ AC-38 Grade D
- ☑ ASTM D226
- ☑ ASTM E2178
- ☑ ASTM E2357 (2357 applies to House-Wrap and Commercial Grade only)

6. 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

Custom Private Logo Printing:

Grip-Rite House-Wrap is available with custom printed logos and advertising in all grades of fabric. 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. Contact your PrimeSource representative to get started.



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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	Commercial Grade	Premium House-Wrap	House-Wrap-E	House-Wrap-LWE
Thickness	ASTM D3767	4.8	4.8	5.0	4.0
Weight per 1000 ft. ²	AC 38	21.0	15.0	15.0	14.0
Perms	ASTM E96-A	7.1	10.1	15.3	12.5
Tensile	ASTM D882	56/36	50/33	39/43	50/45
Water Resistance	ASTM D779-03	Pass	Pass	Pass	Pass
Air Permeance	ASTM E2178	Pass	Pass	Pass	Pass
Surface Burning Flame Spread / Smoke Dev.	ASTM E84	Class A / Class A	Class A / Class A	Class A / Class A	Class A / Class A
Accelerated Aging	AC 38	Pass	Pass	Pass	Pass
UV Exposure	AC 38	Pass	Pass	Pass	Pass
UV Days	AC 38	270	210	200	180
Air Barrier	AC 38	ASTM E2178 / E2357	ASTM E2178 / E2357	ASTM E2178	ASTM E2178
ICC-ESR Listing	AC 38	2248	2248	2248	3729

Thickness measurements are nominal

Material Description		Commercial Grade	Premium House-Wrap	House-Wrap-E	House-Wrap-LWE
Substrate	—	Woven HDPE	Woven HDPE	Woven HDPE	Woven HDPE
Substrate Scrim	—	9 x 5	9 x 5	7 x 7	8 x 7
Coating	—	LDPE 2 sides	LDPE 2 sides	LDPE 1 side	LDPE 1 side
Material Weight (gsm)	—	98	74	74	64
Microperforation	—	Yes	Yes	Yes	Yes





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Grip-Rite Weather Resistive Barrier used at O'Hare International Airport

Grip-Rite® House-Wrap Roll Packaging

SKU	Size	Rolls/ Pallet	Pallets/ Container	Rolls/ Container
HW3100GR	3 ft. x 100 ft.	252	24	6,048
HW3150GR	3 ft. x 150 ft.	180	24	4,320
HW3195GR	3 ft. x 195 ft.	150	24	3,600
HW9100GR	9 ft. x 100 ft.	84	24	2,016
HW9150GR	9 ft. x 150 ft.	60	24	1,440
HW9195GR	9 ft. x 195 ft.	50	24	1,200
HW10100GR	10 ft. x 100 ft.	84	18	1,512
HW10150GR	10 ft. x 150 ft.	60	18	1,080
HW10195GR	10 ft. x 195 ft.	50	18	900

Grip-Rite® House-Wrap-E Roll Packaging

SKU	Size	Rolls/ Pallet	Pallets/ Container	Rolls/ Container
HW3100GRE	3 ft. x 100 ft.	252	24	6,048
HW3150GRE	3 ft. x 150 ft.	180	24	4,320
HW3195GRE	3 ft. x 195 ft.	195	24	3,600
HW9100GRE	9 ft. x 100 ft.	84	24	2,016
HW9150GRE	9 ft. x 150 ft.	60	24	1,440
HW9195GRE	9 ft. x 195 ft.	50	24	1,200
HW10100GRE	10 ft. x 100 ft.	100	18	1,800
HW10150GRE	10 ft. x 150 ft.	67	18	1,206
HW10195GRE	10 ft. x 195 ft.	51	18	918

Grip-Rite® Commercial Grade Roll Packaging

SKU	Size	Rolls/ Pallet	Pallets/ Container	Rolls/ Container
CGW3100GR	3 ft. x 100 ft.	216	24	6,048
CGW3150GR	3 ft. x 150 ft.	180	20	4,320
CGW3195GR	3 ft. x 195 ft.	180	16	3,600
CGW9100GR	9 ft. x 100 ft.	72	24	2,016
CGW9150GR	9 ft. x 150 ft.	60	20	1,440
CGW9195GR	9 ft. x 195 ft.	60	16	1,200
CGW10100GR	10 ft. x 100 ft.	84	18	1,512
CGW10125GR	10 ft. x 125 ft.	55	18	1,320
CGW10150GR	10 ft. x 150 ft.	50	18	1,200
CGW10195GR	10 ft. x 195 ft.	36	18	864

Grip-Rite® House-Wrap-LWE Roll Packaging

SKU	Size	Rolls/ Pallet	Pallets/ Container	Rolls/ Container
HW3100LWE	3 ft. x 100 ft.	300	24	7,200
HW3150LWE	3 ft. x 150 ft.	216	24	5,184
HW9100LWE	9 ft. x 100 ft.	100	24	2,400
HW9150LWE	9 ft. x 150 ft.	72	24	1,728
HW9195LWE	9 ft. x 195 ft.	55	24	1,320
HW10100LWE	10 ft. x 100 ft.	90	18	1,620
HW10150LWE	10 ft. x 150 ft.	60	18	1,080
HW10195LWE	10 ft. x 195 ft.	50	18	900