



Grip-Rite®

# Weather Resistive Barriers

*Perforated & Non-Perforated Building Wraps and Air Barriers*

## 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" 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" Overlap each successive course a minimum of 6" at the side laps and 8" at the end laps. Fasteners shall be placed every 12" - 18" OC on the vertical studs and 8" 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" embedment into the framing is recommended.

Wrap inside and outside corners a minimum of 8" 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 on the back for additional testing or physical property information.

### Grip-Rite® WeatherResistor HP

SKU	DESCRIPTION	PLT	PLT/TL	RL/TL
WRHP3100	3' x 100'	60 (3)	102	6120
WRHP9100	9' x 100'	60	30	1800
WRHP9150	9' x 150'	55	26	1430
WRHP10100	10' x 100'	60	30	1800
WRHP10150	10' x 150'	55	24	1,320

### Grip-Rite® Commercial Grade-D Wrap

SKU	DESCRIPTION	PLT	PLT/TL	RL/TL
DHW3150CD	3' x 150'	56 (3)	68	3808
DHW9100CD	9' x 100'	54	30	1620
DHWC9150CD	9' x 150'	56	20	1120
DHW10100CD	10' x 100'	54	30	1620
DHW10150CD	10' x 150'	56	20	1120

### Grip-Rite® House Wrap-LWE

SKU	DESCRIPTION	PLT	PLT/TL	RL/TL
DHW3100LWE	3' x 100'	90	88	7920
DHW9100LWE	9' x 100'	60	30	1800
DHW9150LWE	9' x 150'	56	30	1680
DHW10100LWE	10' x 100'	60	30	1800
DHW10150LWE	10' x 150'	56	30	1680

### Grip-Rite® House Wrap Tape

SKU	DESCRIPTION	PLT	PLT/TL	RL/TL
HWT178165	1-7/8" x 165'	6	36	1296

### Physical Properties

PROPERTY	STANDARD	UOM	WEATHER RESISTOR HP	HOUSE WRAP -LWE	COMMERCIAL GRADE-D WRAP
Basis Weight	ASTM D 5261	G/M <sup>2</sup>	80	65	80
Breaking Strength (MD/CD)	ASTM D 5034	LBS	65/45	46/36	62/47
Tear Strength (MD/CD)	ASTM D 5733	LBF	6/10	N/A	14/19
Water Vapor Transmission Rate	ASTM E 96, Method A	G/M <sup>2</sup> /24 Hours	420	70	126
Water Vapor Permeance	ASTM E 96, Method A	Perms	60	10	18
Water Penetration Resistance	AATCC 127	CM H2O	400	N/A	300
Water Resistance	ASTM D 779	Minutes	60	60	60
Water Ponding	ASTM E 2556, A 1.1	Pass/Fail	Pass	N/A	Pass
Est. Drainage Efficiency	ASTM E 2273	%	98	98	98.7
Air Resistance	ASTM E 2178	L/SEC/M <sup>2</sup> @ 75 PA	0.01	< 0.01	0.005
Flame Spread Index	ASTM E 84	Class	A	A	A
Smoke Developed Index	ASTM E 84	Class	A	A	A
Ultraviolet Light (UV) Exposure	Internal	Days	180	300	180

Results reflect typical values and will vary within typical manufacturing and certification tolerances. These results should not be interpreted as limiting specifications.



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