



# ShingleLayment®

## Synthetic Roofing Underlayment

The time to convert from asphalt felt is NOW, with the Grip-Rite® ShingleLayment® series of synthetic underlayments.

Grip-Rite Synthetic Underlayments® are available in three styles that are designed to replace both #30 and #15 saturated felt in roofing applications.

Grip-Rite ShingleLayment® is lighter, stronger, and more energy efficient than felt. ShingleLayment's 10 square roll size saves costly labor and reduces waste, providing your roof with a durable temporary cover and long lasting secondary water shedding protection.

### 1. Products:

**ShingleLayment® Premium Synthetic Underlayment**

**ShingleLayment-15® Synthetic Underlayment**

**ShingleLayment-LWE® Synthetic Underlayment**

### 2. Manufacturer:

PrimeSource Building Products, Inc.  
1321 Greenway Drive, Irving, TX 75038  
800-676-7777  
[www.primesourcebp.com](http://www.primesourcebp.com) | [www.grip-rite.com](http://www.grip-rite.com)

### 3. Product Descriptions:

**All Grip-Rite Synthetic Underlayments** are made from tough woven polypropylene. These high tensile substrates resist tearing and blow-off from high wind exposure. All are UV treated to 180 days. Grip-Rite ShingleLayment is evenly rewound, rolls out flat, and holds a chalk line.

**ShingleLayment Premium** synthetic underlayment is a heavy weight woven 10x10 scrim polypropylene underlayment coated with a non-skid TPO. ShingleLayment can be used in any code-compliant mechanically attached roofing application.

**ShingleLayment-15** is a woven 10x10 scrim polypropylene substrate coated on the walking surface with a spun bonded non-woven that provides non-skid traction. Both top and bottom surfaces are textured to provide traction underfoot and on the roof deck. ShingleLayment can be used under any code-compliant mechanically attached roofing application.

**ShingleLayment-LWE** is a lightweight version of our proven Premium Grip-Rite ShingleLayment. Woven 8x8 scrim polypropylene substrate coated with a non-skid TPO on the walking surface. Both top and bottom surfaces are textured to provide traction underfoot and on the roof deck. ShingleLayment can be used under any code-compliant mechanically attached roofing application.

#### Application:

**Grip-Rite Synthetic Underlayments** are a water shedding device designed to reduce the occurrence of leaks caused by wind-driven rain, penetrating the primary roof system



It is used on steep-slope roofs beneath shingles, batted tiles, metal roofing, slate, wood shake and shingle, and simulated slate/shake prepared roof coverings as an alternate to ASTM D226, Type I or II or ASTM D4869 Type IV asphalt felts.

#### Features:

##### ShingleLayment Premium

- ✓ Nearly 5 times lighter than #30 felt
- ✓ 4.6 times more coverage than #30 felt
- ✓ Non-skid TPO coating
- ✓ 20 year limited warranty
- ✓ Exclusive patent pending shingle pattern
- ✓ Printed nail and overlap pattern
- ✓ Available in two energy efficient colors, white/gray or tan

##### ShingleLayment-15

- ✓ Nearly 5 times lighter than #15 felt
- ✓ 2.3 times more coverage than #15 felt
- ✓ Non-skid SBPP non-woven coating
- ✓ 10 year limited warranty
- ✓ Printed nail and overlap pattern
- ✓ Textured top and bottom surface for increased friction

##### ShingleLayment-LWE

- ✓ Nearly 5 times lighter than #15 felt
- ✓ 2.3 times more coverage than #15 felt
- ✓ Non-skid TPO coating
- ✓ 10 year limited warranty
- ✓ Exclusive patent pending shingle pattern
- ✓ Printed nail and overlap pattern
- ✓ Textured top and bottom surface for increased friction





# **ShingleLayment<sup>®</sup>**

## **Synthetic Roofing Underlayment**

#### **4. Standards and approvals**

##### **All ShingleLayment models:**

AC188

ASTM D226

ASTM D4869 Type IV

Class A Fire Tested

CAN CSA A123.3-05

##### **Premium ShingleLayment**

ICC ESR-2945

Miami Dade NOA No. 14-0520.11

Florida Statewide Products Approval File No. FL12510

#### **5. Installation:**

All ShingleLayment<sup>®</sup> shall be installed in compliance with the codified requirements for ASTM D226, D4869 or underlayment for the type of prepared roof covering to be installed.

##### **Instructions:**

Re-fasten any loose decking panels and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application. Corrosion-resistant fasteners shall be plastic cap nails or staples with a minimum nominal 1 in. diameter head. The use of cap staples should be limited to installations that will be covered by the final roofing system within 30 days as the membrane will be less resistive to the elements which may result in blow-off.

**Grip-Rite fasteners are recommended.** Ensure fasteners are installed at 90 degree angle to the deck with flush contact between the plastic cap and the upper surface of the underlayment.

**Where local code requires metal cap washers, Grip-Rite Tin-Caps are recommended.**

**ShingleLayment** shall be installed horizontally with the printed side up, and with 4 in. horizontal laps and 6 in. vertical laps. Horizontal laps shall be in a shingle pattern, running with the flow of water.

##### **Single Layer; Roof Slope > 4:12:**

Starting at the eave, fasten the eave edge 8 in. OC and vertical laps 8 in. OC, and 24 in. OC down the center of the roll. Continue upslope in a similar manner, maintaining minimum 4 in. horizontal and minimum 6 in. vertical laps. Fasten 8 in. OC at horizontal laps and 8 in. OC at vertical laps and 24 in. OC down the center of the roll. Ensure all vertical laps are staggered at least 3 ft. apart. In high wind zones (V-asd > 110 mph 3 second gust design wind speed), increase the fastening schedule to 4 in. OC at horizontal laps, 4 in. OC at vertical laps, and 24 in. OC down the middle of the roll in the field of the roof.

##### **Double Layer; 2:12 < Roof Slope < 4:12:**

Starting at the eave, fasten the eave-edge of a half-width starter-strip 8 in. OC and vertical laps 8 in. OC. Continue upslope in a similar manner, with minimum 24 in. horizontal laps and minimum 6 in. vertical laps. Fasten 8 in. OC along the low edge and 8 in. OC at vertical laps and 24 in. OC down the center of the roll. Ensure all vertical laps are staggered at least 3 ft. apart. In high wind zones (> 110 mph 3 second gust design wind speed), increase the fastening schedule to 4 in. OC at horizontal laps, 4 in. OC at vertical laps, and 24 in. OC down the middle of the roll in the field of the roof.





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## Synthetic Roofing Underlayment

### Installation for batten-secured roof cover:

When battens are installed over Grip-Rite ShingleLayment, the underlayment need only be preliminarily attached in advance of batten installation. Ensure preliminary underlayment attachment does not interfere with batten locations. Where seams or joints require sealant or adhesive, use only high quality, low solvent asbestos free plastic roofing cement meeting ASTM D4586, Type I. Install a leak barrier of

ASTM D1970 or approved equal at vulnerable leak areas, including but not limited to eaves, valleys, rakes, skylights and dormers. At eaves and valleys, install the leak barrier prior to installation of ShingleLayment. Along the rake, install ShingleLayment leaving 6 to 8 in. of the deck exposed, and then install the leak barrier over the ShingleLayment and exposed decking. At other areas, install the leak barrier over the ShingleLayment.



Premium ShingleLayment



ShingleLayment-LWE

### 6. Precautions & Limitations:

- ☑ Depending on roof pitch and surface conditions (wet, dusty, frost), the coefficient of friction may change, and can become slippery. Use caution.
- ☑ Use caution when walking on roof deck and use OSHA compliant fall protection.
- ☑ Do not walk or stand on ShingleLayment until it is attached to roof deck according to installation instructions.
- ☑ Shingle print pattern is not intended for use as an installation grid for final roofing surface shingles.
- ☑ ShingleLayment is not designed as a primary roof covering. Exposure beyond 30 days without final roof covering may subject the sheet to jobsite abuse, chemical exposure, and severe weather.
- ☑ ShingleLayment may not be used in any exposed application such as crickets, exposed valleys, or exposed roof to wall details.
- ☑ Attic spaces must be properly ventilated in accordance with the local Building Code.
- ☑ Minimum roof pitch: 2:12 (9.4°).

### Physical Properties

Properties	Standard	ShingleLayment® Premium	ShingleLayment-15®	ShingleLayment-LWE®	ASTM D226 Type II	ASTM D4869 Type IV
Accelerated Aging	AC188	Pass	Pass	Pass	N/A	N/A
UV Exposure	AC188	Pass	Pass	Pass	N/A	N/A
Pliability	D226	Pass	Pass	Pass	Pass	Pass
Liquid Water Transmissions	ASTM D4869	Pass	Pass	Pass	N/A	Pass
Loss on Heating (%)	ASTM D228	0.4	1	0	4	6
Thickness	ASTM D3767	8.5 mils	8.70	4.7	—	—
Temperature Range	AC 188	-55°C/-67°F -110°C / 230°F	-67°F – 230°F	-67°F – 230°F	—	—
Permeance	ASTM E96 desiccant method	0.10	0.10	0.07	—	—
<b>Breaking Strength (lb./ft.)</b>						
Control	ASTM D146	118/116	86/54	80/84	40/20	40/20

Physical properties subject to change without notice. Manufacturing variance 5-10%.

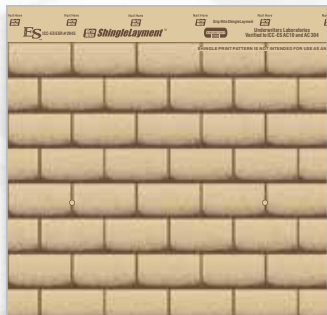




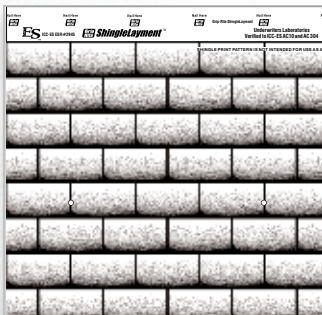
# ShingleLayment®

## Synthetic Roofing Underlayment

**Premium Shingle  
Pattern - Tan**



**Premium Shingle  
Pattern - White**



**Premium Installer  
Pattern - White/Gray**



**Premium Installer  
Pattern - Tan**



**ShingleLayment-LWE  
Shingle Pattern - Gray**



**ShingleLayment-LWE  
Installer Pattern - Gray**



**ShingleLayment-15  
Installer Pattern - Gray**



### Grip-Rite ShingleLayment® Premium Roll Packaging

SKU	Size		Print	Color	Weight/ Roll	Rolls/ Pallet	Pallets/ Truckload	Rolls/ Truckload
	Area	Dimensions						
SLW4100GRI	4 SQ	4 ft. x 100 ft.	Installer	Light Gray	13 lb.	90	36	3,240
SLW4100GRS	4 SQ	4 ft. x 100 ft.	Shingle	White	13 lb.	90	36	3,240
SLT4100GRS	4 SQ	4 ft. x 100 ft.	Shingle	Tan	13 lb.	90	36	3,240
SLW4250GRI	10 SQ	4 ft. x 250 ft.	Installer	Light Gray	30 lb.	35	36	1,260
SLT4250GRI	10 SQ	4 ft. x 250 ft.	Installer	Tan	30 lb.	35	36	1,260
SLW4250GRS	10 SQ	4 ft. x 250 ft.	Shingle	White	30 lb.	35	36	1,260
SLT4250GRS	10 SQ	4 ft. x 250 ft.	Shingle	Tan	30 lb.	35	36	1,260

### Grip-Rite ShingleLayment-LWE® Roll Packaging

SLG4250GRE	10 SQ	4 ft. x 250 ft.	Shingle	Gray	18.7 lb.	72	35	2,520
SLG4250LWE	10 SQ	4 ft. x 250 ft.	Installer	Gray	18.7 lb.	72	35	2,520

### Grip-Rite ShingleLayment-15® Roll Packaging

SL154250GR	10 SQ	4 ft. x 250 ft.	Installer	Gray	22 lb.	49	36	1,764
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**PRIME****SOURCE**  
BUILDING PRODUCTS, INC.

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800-676-7777

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