

# DEFENDER

# ICE & WATER

## EAVE PROTECTOR



Roof underlay adhesive membrane consisting of a reinforced glass mat and sand covered surface which is slip resistant.

- Excellent resistance to temperature variations
- Excellent dimensional stability
- Easy Installation

### PRODUCT PURPOSE

Application	Ice and Water Protector	
Building Part	Eaves, Valleys and Rake Edges	
Types of Slope	Exterior Steep Slope	
Type of Covering	Asphalt Shingles	
Substrates	Plywood	Asphaltic Panel
	OSB	

### PRODUCT CHARACTERISTICS

Tecnology	SBS Modified Bitumen
Surface	Sand
Underface	Two Parts Silicone Release Film
Reinforcement	Glass Mat
Installment Method	Self-Adhesive
Service Temperature	-40 °C to 90 °C (-40 °F to 194 °F)
Maximum Exposure	30 Days

### PRODUCT PACKAGING

Product Code	Width		Length		Thickness		Selvedge Width		Net Area		Brute Area		Rolls/Pallet
	m	in	m	ft	mm	mils	mm	in	m²	ft²	m²	ft²	
TOPTSLB1236	.91	36	20	65	1.35	53	75	3.0	16.53	177.96	18.1	195	36

### PRODUCT PROPERTIES




PROPERTIES	STANDARDS	RESULTS
Roll Weight	—	27 kg (60 lb)
Tensile Strength, MD/XD	ASTM D1970	10.7 / 8.1 kN/m (61 / 46 lbf/in)
Ultimate Elongation, MD/XD	ASTM D1970	16 / 14%
Tear Resistance	ASTM D1970	400 / 353 N (90 / 79 lbf)
Static Puncture	ASTM D1970	140 N (31 lbf)
Adhesion to Plywood, 24° C (75.2° F)	ASTM D1970	211 N/m (14.5 lbf/pi)
Thermal Stability, 14 días a 70° C (158° F)	ASTM D1970	<2.5 mm (<0.1 in)
Low Temperature Flexibility	ASTM D1970	Pass at -29 °C (-20 °F)
Nail Sealability	ASTM D1970	Pass

(All values are nominal)

# DEFENDER ICE & WATER

## EAVE PROTECTOR

### INSTALLATION

Storage	Rolls should be stored upright, tape side up. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging. Can withstand freezing but must be reactivated to at least 5° C (41° F) before installation.		
Minimum Application Temperature	5° C (41° F)		
Complementary Products	EXTERIOR PRIMER	or H <sub>2</sub> O PRIMER	
Tools Required	 Heavy Roller	 Tape Measure	 Knife
Surface Preparation	The substrate must be clean, dry and free of dust, grease or other contaminants.		
Installation	<ol style="list-style-type: none"> <li>1. If conditions require, prepare the substrate with EXTERIOR PRIMER or H.O PRIMER.</li> <li>2. Position the membrane parallel to the roof edge while leaving about 8 cm (3.2 in) at the front where the gutter will be installed.</li> <li>3. Fold the sheet over itself, by half of its width, or 50 cm (20 in) over the whole length already positioned. It is recommended to kneel on the unfolded portion of the membrane to keep it in place during this operation.</li> <li>4. Remove the protective film from the folded section while placing the membrane on the support. The selfadhesive portion will adhere to the support.</li> <li>5. Then take the other side of the membrane and repeat the previous two steps.</li> <li>6. Immediately apply pressure on the membrane using a heavy metal roller or hard rubber roller to ensure adhesion between the support and the membrane and avoid forming bulges, folds or gaps.</li> </ol> <p>Note: The transverse and longitudinal overlap should be 75 mm (3 in).</p> <p>Refer to ROOF SYSTEM INSTALLATION for waterproofing membrane installation to roof details and upstands.</p> <p>Rolling or brooming the product to the deck is advised with special attention to seams. This is especially important if the roof is not to be finished immediately or if inclement weather is in the forecast.</p>		
Recommendations/Limitations	It is not recommended to use a product containing bitumen directly on softwood boards or flexible polyvinyl chloride. Finishing membranes must be installed the same day as the application. Do not use under metal coatings. Do not apply directly onto wood planks, cover surface with plywood or OSB panels prior to the membrane application.		
Warnings	Should be stored upright, protected from weather damage and UV rays.		

UL ER21824-01

FLORIDA BUILDING CODE  
FL 2569

CSA A123.22  
CONFORME À LA NORME CSA  
MEETS CSA STANDARD



PREPARED ROOFING ACCESSORY AS TO AN  
EXTERNAL FIRE EXPOSURE WHEN APPLIED  
IN ACCORDANCE WITH INSTRUCTIONS  
INCLUDED WITH THE PREPARED ROOFING  
44V5



Scan the QR code to access  
additional information.