

## Non-Asphaltic Fiberglass-Based Underlayment

A unique patented underlayment that provides moisture resistance and excellent protection against flame spread and penetration.

- Excellent protection against flame spread and penetration\*
- Meets or exceeds ASTM D 226 or D 4869 Type I or Type II performance
- Lays flat and stays flat
- Provides a good walking surface during installation
- Insensitive to weather extremes and provides a cooler working surface when compared to traditional alternatives
- Reduces labor and material costs to achieve described fire rated systems
- Over 3 squares of roof coverage per roll
- Wider width allows for faster installation

### Installation:

\*Part of a UL® fire listed assembly when installed to meet roofing system manufacturers' specifications. In some areas, the building codes may require additional application techniques or methods beyond these specifications. In these cases the local code must be followed.

### Caution:

Use caution when working on the roof.

### Important:

Keep dry in transport. Store pallets on a flat surface out of direct exposure to the elements. Do not store more than two pallets high.

Physical Properties and Material Safety Data Sheets available on request.

Elk covers VersaShield products with a limited warranty, provided upon customer request or purchase

of a product, and expressly disclaims and limits any other warranties, expressed or implied.

Roll Length: 100 ft.

Roll Width: 42"

Roll Weight minimum 53 lbs./roll

Rolls per pallet 12/16

Pallets per truckload 40/52

**PREPARED ROOFING ACCESSORY AS TO AN EXTERNAL FIRE EXPOSURE ONLY WHEN APPLIED IN ACCORDANCE WITH INSTRUCTIONS INCLUDED WITH THE PREPARED ROOFING. ISSUE NO. L-992988 ALSO CLASSIFIED AS SLIPSHEET FOR ROOFING SYSTEMS AS TO AN EXTERNAL FIRE EXPOSURE ONLY. See UL directory of products certified for Canada and UL roofing materials and systems directory.**

System Description	
<b>System #1:</b> Substrate: 15/32" plywood Underlayment: One layer Versashield and one layer of Type 30 asphalt saturated organic felt.	<b>System #4:</b> Substrate: 15/32" plywood Underlayment: One layer Versashield
<b>System #2:</b> Substrate: Spaced Sheathing Underlayment: Two layers of Versashield	<b>System #5:</b> Substrate: Spaced Sheathing Underlayment: Two layers of Versashield
<b>System #3:</b> Substrate: 15/32" plywood Underlayment: Two layers of Versashield	<b>System #6:</b> Substrate: Existing wood shakes installed Over solid deck or spaced sheathing Underlayment: One layer of Versashield

<b>VersaShield™ Underlayment Product Specifications</b>		
<b>Prescriptive Requirements</b>	<b>Specification</b>	<b>Test Method Reference</b>
Packaged:	Roll	
Linear Feet/roll	100 ft. minimum	ASTM D 146
Roll Width	42 in., ±0.7%	ASTM D 146
Area per roll	350 sq. ft. minimum	ASTM D 146
Rolls per Pallet	12 / 16	
Pallets per Truck	40 / 52	
Roll Weight	52.5 lb. minimum	ASTM D 146
Loss on ignition	Maximum of 25%	TAPPI T-1013 om-92

<b>Performance Requirements</b>	<b>Specification</b>	<b>Test Method Reference</b>
Average Breaking Strength* (Tensile Strength) <b>MD</b> <b>CD</b>	60 lbf minimum 30 lbf minimum	ASTM D 146/D 828 1" x 5" test specimen
Elmendorf Tear Strength* <b>MD</b> <b>CD</b>	400 grams minimum 550 grams minimum	ASTM D 1922
Water Vapor Transmission (Permeance)	3 perms minimum	ASTM E 96
Liquid Water Transmission	Pass (4 hours holdout)	ASTM D 4869
* Tested at 77 ±2 degree F		

<b>Fire Ratings Reference Table</b>					
<b>Roofing Covering<sup>1</sup></b>	<b>Steel<sup>2</sup></b>	<b>Copper<sup>3</sup></b>	<b>Aluminum</b>	<b>Duro-Last PVC</b>	<b>Commercial<sup>4</sup> Generic</b>
<b>Minimum Thickness</b>	0.015"	0.016"	0.019"	0.040"	N/A
<b>Maximum Slope</b>	Unlimited	Unlimited	Unlimited	2 / 12	1.5 / 12
<b>System #1</b>	Class A				
<b>System #2</b>	Class A				
<b>System #3</b>	Class A	Class A	Class A	Class A	Class A
<b>System #4</b>	Class B	Class B	Class B	Class B	Class B
<b>System #5</b>	Class B				
<b>System #6</b>	Class B	Class B	Class B		

1. Roof Covering must be installed in accordance with the systems manufacturer's recommended application instructions.
2. UL allows for minimum thickness of 0.13 inch.
3. UL grants Class "A" for System 1
4. Commercial Generic- BUR system or CPE, CSM CSPE, EPDM, NBP, PIB, PVC or TPO membrane system.

When installed in accordance with Section 2.4 of Elk's ICBO ES ER 5627, VersaShield underlayment can be used as an alternative to the covering materials specified in Section 1516.3 of the appendix to the UBC and Section 1510.4 of the UBC.