

## VersaShield™ Fire Resistant Roof Deck Protection

Protect Your Roof From Moisture While Improving Its Fire Resistance With UL Class A Roof Deck Protection

**Quality Roof Deck Protection provides an extra layer of moisture protection between your roofing material and the roof deck. However, in some jurisdictions, roof assemblies are also required to be fire resistant. A fire resistant roof deck protection:**

- Should provide the very best fire protection: a UL Class A rating on most homes and properties
- Protects against dangerous flame spread and penetration into the interior of the property
- Upgrades UL classification of most metal roofs to a UL Class A rating
- Provides temporary moisture resistance while the roofing system is being installed

### Property Owner's Best Choice

- **Superior Protection...**  
The best protection against fire spread and penetration
- **Looks Better...**  
Fiberglass reinforced, so it lays flatter for a better-looking roof
- **Peace Of Mind...**  
20 year limited warranty against manufacturing defects

### Professional's Best Choice

- **Convenient...**  
Will upgrade the UL fire classification of almost any type of roof
- **Safer For Installers...**  
Slip resistant walking surface improves traction on steep slopes
- **Increased Productivity...**  
3.5 squares per roll means less rolls to carry to the roof
- **Easier To Use...**  
Light color provides a cooler working surface
- **Flexibility...**  
Can be left exposed for up to 60 days if necessary

### VersaShield® Underlayment Product Specifications

Prescriptive	Specification	Test Method
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Packaged	Roll	ASTM D 146
Liner 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
Roll Weight	52.5 lb. minimum	ASTM D 146
Fabric Weight	15 lb. per 100 sq. ft. min.	ASTM D 146
Loss on ignition	Maximum of 25%	TAPPI T-1013-OM92

#### Performance Specs

Average Breaking Strength @ 77±2°F (Tensile Strength)	60 lbf minimum (MD) 30 lbf minimum (CD)	ASTM D146/D 828, 1"X5" samples
Tear Strength @ 77±2°F	400 grams minimum (MD) 550 grams minimum (CD)	ASTM D1922, 2.5"X3" samples
Water Vapor Transmission permeance, perm	3 minimum	E96
Liquid Water Transmission Test	Pass	D4896

#### VersaShield® Underlayment Class A Rating Layer Requirements

Roofing Material	Roof Type	Min. Thickness	15/32" Plywood	Existing Wood Shake/Shingle	Spaced Sheathing
UL Listed Stone Coated Steel	Direct to deck shingle	0.013"	1 Layer	N/A	1 Layer
UL Classified or Listed Steel	Direct to deck shingle	0.013"	1 Layer + 30 Felt	N/A	1 layer + 30 Felt
Any UL Classified or Listed Steel	Batten required shingle	0.013"	1 Layer	2 Layers	1 Layer
Any UL Classified or Listed Steel	Panel of standing seam	0.015"	1 Layer	N/A	1 Layer
Any UL Classified or Listed Copper	Panel of standing seam	0.016"	1 Layer	N/A	1 Layer





Any UL Classified or Listed Copper	Shingle	0.016"	1 Layer + 30 Felt	2 Layers	1 Layer + 30 Felt
Any UL Classified or Listed Aluminum	Panel or shingle	0.018"	2 Layers	N/A	1 Layer

**Note:**For low-slope applications (2/12 to < 4/12), or where local codes require, use two layers of VersaShield® Underlayment.

#### VersaShield® Underlayment Class B Rating Layer Requirements

Roofing Material	Roof Type	Min. Thickness	15/32" Plywood	Existing Wood Shake/Shingle	Spaced Sheathing
UL Classified or Listed Steel	Direct to deck shingle	0.013"	1 Layer	N/A	1 Layer
Any UL Classified or Listed Steel	Batten required shingle	0.013"	N/A	1 Layer	N/A
Any UL Classified or Listed Copper	Shingle	0.016"	1 Layer	1 Layer	1 Layer
Any UL Classified or Listed Aluminum	Panel or shingle	0.018"	1 Layer	1 Layer	1 Layer

When installed in accordance with section 4.2.1 of GAF's ESR-2053, VersaShield® underlayment can be used over existing wood shakes or shingles as an alternative to the covering materials specified in section 1510.4 of the IBC, section R907.4 of the IRC, or section 1513.3 of Chapter 15 Appendix to the UBC.

#### GAF

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