

**VB SHIELD**  
BY VB SYNTHETICS



**VB SYNTHETICS**  
LEAGUE CITY, TX  
P: 855-79VIKING  
E: [INFO@VBSYNTHETICS.COM](mailto:INFO@VBSYNTHETICS.COM)



**FIGHT THE ELEMENTS**  
[VBSYNTHETICS.COM](http://VBSYNTHETICS.COM)



**STRONGER**

VB Shield is 25 times stronger than the leading 15 lb felt.

**RESILIENT**

Highly water repellent, keeping VB Shield from warping, wrinkling, and cracking in cold weather.

**RELIABLE**

Environmentally responsible, may contribute to your LEED and RGBP ratings.

**ENGINEERED**

VB Shield has enhanced UV protection engineered to reduce heat buildup on hot days.

**MANUFACTURED**

VB Shield is 100% synthetic, 100% inorganic.

**ASPHALT FREE**

VB will not rot or mold.

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	TEST METHOD	TYPICAL PROPERTY
Grab Breaking MD/CD (lbs)	ASTM D751	MD 119 lbs CD 109 lbs
Tearing Strength MD/CD (lbs)	ASTM D751	MD 22 lbs CD 19 lbs
Elongation MD/CD (%)	ASTM D751	MD 20% CD 19%
C O F	ASTM D1894	.03 / 0.50
<b>Sandwich cotting (gsm)</b>		22
<b>Second Anti-Slip Coating (gsm)</b>		21
<b>Total fabric weight (gsm)</b>		110.5

**ROLL SIZE**

48" X 250' (1.22m X 76.20m)

**CODE AND STANDARD COMPLIANCE**

ATSM D 226, Type II  
Standard Specification for Asphalt Saturated Organic Felt  
Used in roofing and waterproofing  
ICC-ES AC 207  
Acceptance Criteria for Polypropylene Underlayments  
CSA A 123.3  
Acceptance Saturated Organic Roofing Felt  
ASTM E 108/UL 790 - Class A  
Standard Test Methods for Fire Tests of Roof Coverings  
CSA 220.1  
Texas Department of Insurance Approved, Florida Building code Approved FL20155. Miami Dade County Approved NOA#16-0427.02

**NOMINAL SPECIFICATIONS**

10 squares/roll - 1,000 sq. ft. (92.9 m2)(excludes laps)  
48" x 250' (1.23 m x 76.2 m)  
Resists UV degradation for up to 90 days\*\*\*  
Approx. 23 lbs. (10.4 kg)/roll

VB is the best synthetic underlayment engineered for superior performance, quick and easy installation, and cost effectiveness.

**QUICK & EASY INSTALLATION**

**IMPROVED HANDLING** - Less weight per roll, making VB Shield easier to handle during all stages of installation.

**ROBUST PROPERTIES** - Maintains superior lay-flat properties and water resistance.

**COVERAGE** - contains 17% more coverage per roll than standard roll of 12lb. felt.

**COST EFFECTIVENESS**

More durable, environmentally responsible, UV protected.

VB SYNTHETICS provides the engineered solution that finally offers performance you need at a competitive price. VB Shield is the right choice for your next job.

**Note:** Always install VB Shield or Armor Synthetic Roofing Underlayment using plastic cap nails or plastic cap staples. Do NOT use nails or staples without caps.