

# PFS Listing Report 1627(b)

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Date of Acceptance: _01/20/2017_ Ex	xpiration Date: <u>10/25/2021</u>	Revision Date: <u>10/25/2019</u>
Visit <u>www.pfsteco.com</u> for current status		Mill No.: <u>847</u>
TYPE OF ACCEPTANCE:	Product Material – Roofing Underlayment	

MANUFACTURER INDENTIFICATION:

Barricade Building Products Division of Specialty Coating and Laminating, LLC 10351 Verdon Road Doswell, Virginia 23047 1-804-876-3135 www.specoat.com

LISTING REPORT SUBJECT: Roofing Underlayment (Barricade Roof Pro UDL Roofing Underlayment) Installation on Residential and Commercial Structures

#### **DESCRIPTION OF BUILDING COMPONENT:**

**Barricade Roof Pro UDL** underlayment is a synthetic membrane that is used as a roofing underlayment. The roofing underlayment is produced in rolls that are four (4) feet wide but can vary from one (1) to ten (10) feet wide.

#### APPLICABLE CODES:

- 2014 Florida Building Code, 5<sup>th</sup> Edition (Commercial and Residential)
- 2017 Florida Building Code, 6<sup>th</sup> Edition (Commercial and Residential)

#### APPLICABLE CHARACTERISTICS REVIEWED: (ASTM D226 Type I and II, ASTM D4869 Type II and IV)

- ASTM D146/D146M–04 (reapproved 2012), Standard Test Method for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
  - 1. Pliability
  - 2. Loss on Heating
  - 3. Breaking Strength
- ASTM D226/D226M-09, Standard Specification for Asphalt-Saturated (Organic Felt) Used in Roofing and Waterproofing
- ASTM D1682–64 (Reapproved 1975), Standard Test Methods for Breaking Load and Elongation of Textile Fabrics (Withdrawn 1992)
- ASTM D1922–15, Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method.
- ASTM D4533–15, Standard Test Method for Trapezoid Tearing Strength of Geotextiles
- ASTM D4869/D4869M-16, Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing
- ASTM F1087–02 (Reapproved 2009), Standard Test Method for Linear Dimensional Stability of Gasket Material to Moisture, as modified by ASTM D4869

#### APPLICABLE USES:

The Barricade Roof Pro UDL underlayment is intended for use in commercial and residential construction according to manufacturer's installation instructions and is an alternate to ASTM D226 Type I, ASTM D226 Type II, and ASTM D4869 Type II or Type IV. The underlayment must be installed over a sheathing material and must be attached using mechanical fasteners.



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# LIMITATIONS OF ACCEPTANCE:

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Barricade Roof Pro UDL underlayment described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in APPLICABLE CODES of this report, subject to the following conditions:

- 1. This product must be installed in accordance with manufacturer's installation instructions, limitations in this report and the State of Florida Building Code. When manufacturer's installation instructions differ from this report, this report governs.
- 2. The Barricade Roof Pro UDL underlayment is limited to the evaluation of this report and was not evaluated as a component of a fire-resistance-rated assembly.
- 3. The Barricade Roof Pro UDL is not evaluated for installation in High Velocity Hurricane Zones (HVHZ).
- 4. The Barricade Roof Pro UDL underlayment cannot be installed on roof construction that is less than a slope of 2:12.
- 5. The Barricade Roof Pro UDL underlayment must be manufactured at the plants as indicated in this report.
- 6. The Barricade Roof Pro UDL underlayment must only be installed and used in applications were the underlayment is in conformance with ASTM D226, ASTM D146/D146M, ASTM D4869/D4869M, and the ASTM Standards indicated in the APPLICABLE CHARACTERISTICS REVIEWED section above.

# **DOCUMENTATION SUBMITTED:**

Data submitted was in accordance with PFS 1348 Document, NTA Listing Report SCL022713-2, NTA Test Report SCL11612-2, and Intertek Test Report I0799.01-106-31 R0.

# PRODUCT IDENTIFCATION:

The Barricade Roof Pro UDL underlayment described in this report is identified with the manufacturer's name (Barricade Building Products, Division of Specialty Coating and Laminating. LLC), manufacturer address, product name, ASTM Standards (D146/D146M, D4869) and certification agency (PFS Corporation).

# **EVALUATION PROCESS:**

The method of evaluation for this Listing Report is by Steve G. Winistorfer, P.E. (Florida License Number 39330).

# TABLE OF PHYSICAL PROPERTIES FOR BARRICADE ROOF PRO UDL UNDERLAYMENT

TEST	PERFORMANCE	
Pliability: 5 Samples tested	No Cracking and all PASSED	
Loss on Heating: 2 Samples tested	Less than 0.5% (rounded to nearest 0.5%)	
Unroll-ability	No cracking or tearing all PASSED	
Breaking Strength:		
Parallel Specimen – 5 specimens:	Passed	
Perpendicular Specimen – 5 specimens:	Passed	
Liquid Water Transmission – 10 specimens	All Passed – no leaks or deterioration	
Dimensional Stability:		
Machine Direction – 3 specimens:	Length 0.0%, Width 0.0%	
Cross Machine Direction – 3 specimens:	Length 0%, Width 0%	
Tear Resistance:		
Machine Direction – 10 specimens	> 24 lbf	
Cross Machine Direction – 10 specimens	> 37 lbf	



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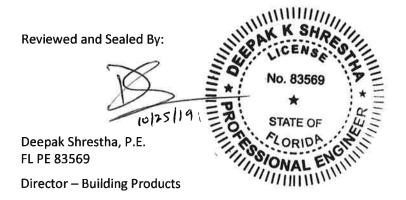


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#### Summary:

The Barricade Roof Pro UDL underlayment passes the requirements for ASTM D146/D146M The Barricade Roof Pro UDL underlayment passes the requirements for ASTM D4869



Date Signed: October 25, 2019



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