



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: KEMPER SYSTEM AMERICA INC.
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West Seneca, NY 14224
(800) 541-5455
<https://www.kemper-system.com/us/eng/>

Issued August 15, 2025

Manufacturing Plants: Bridgeport, TX

Quality Assurance: Nemo Cert, LLC (QUA12361)

SCOPE

Category: Roofing
Subcategory: Modified Bitumen Roof System
Code Edition: Florida Building Code, 8th Edition (2023)
Code Sections: 1504.3.1, 1507.10.2
Properties: Wind Resistance, Physical Properties

PRODUCT DESCRIPTION

Products	Specification	Description
Kemperol SBS Base SA	ASTM D 4601	Self-adhered base sheet
Kemperol SBS Cap SA	ASTM D 7530	Self-adhered cap sheet

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	1655T0015	UL 1897	2015
PRI Construction Materials Technologies (TST5878)	1655T0017	ASTM D 4601	2004(2012)E1
PRI Construction Materials Technologies (TST5878)	1655T0018	ASTM D 7530	2017(2023)

APPROVED ASSEMBLY

The following notes shall be observed when using the assembly tables below.

1. Maximum Design Pressures (*MDP*) were calculated using a 2:1 margin of safety per FBC Section 1504.9.
2. Refer to [LIMITATIONS](#) section of this evaluation when using the table(s) below.

Assemblies with All Layers Adhered over <i>Wood Deck</i> (New or Existing)				
System No.	Deck Detail	Base Ply	Cap Ply	<i>MDP (psf)</i>
1	Min. 15/32-inch CDX plywood attached to wood supports spaced a maximum 24" o.c.	Kemperol SBS Base SA self-adhered with min. 2-inch side laps	Kemperol SBS Cap SA self-adhered with min. 4-inch side laps	-135 (Lim. 9)

LIMITATIONS

1. This evaluation is not for use inside the HVHZ.
2. Fire classification is not within the scope of this evaluation.
3. The roof deck and the roof deck attachment information are provided based on testing. FBC requirements for the rational design of the roof deck, including the attachment, are not within the scope of this evaluation.
4. Reserved
5. Reserved
6. Reserved
7. For assemblies containing mechanical attachment or adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117, RAS 137, or Section 2.2.10.1 FM LPDS 1-29 (July 2022).
8. Reroofing applications shall be examined in accordance with FBC Section 1511. For mechanically fastened systems, a field withdrawal resistance test (ANSI/SPRI FX-1 or TAS 105) shall be conducted by a qualified professional to ensure the fastener meets the minimum design load requirements of the system. For adhered systems, a field uplift resistance test (ASTM E 907, FM LPDS 1-52, ANSI/SPRI IA-1, or TAS 124) shall be conducted to confirm conformance of the existing to the minimum design loads.
9. For assemblies adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with Section 2.2.10.1 FM LPDS 1-29 (July 2022).
10. Installation of the evaluated products shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
11. The minimum roof slope shall be 1/4:12 for new construction.
12. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.



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Priest, PE, on 8/15/2025.

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CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT