



FLORIDA BUILDING CODE ENGINEERING EVALUATION REPORT

Report Number	0090-2	Issue Date	2026-09-22
Client	System Components Corporation	Issue Number	3-6148
Address	P.O. Box 2432, Issaquah, WA 98027	Expiry Date	2029-12-31

Subject

CoverPro 1000, CoverPro 2000, CoverPro 3000 Roofing Underlayments.

Evaluation Scope

This report is provided to assist registered design professionals and building officials in the United States with determining compliance to the performance objectives in the named building codes. The product(s) described herein have been evaluated to the 2026 Florida Building Code (FBC) and Residential Code (FBC-R).

CSI DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION
SUBDIVISION: 07 30 05 Roofing Felt and Underlayment

FBC CATEGORY: Roofing
SUB-CATEGORY: Underlayments

CODE SECTIONS AND STANDARDS

FBC Section	Description	Referenced Standard or Code Section ¹	Year
1505.1	Fire Classification	ASTM E108	2025
1507.1.1.1	Underlayment for asphalt shingles, metal roof panels or shingles, mineral surfaced roll roofing, slate and slate-type shingles, wood shakes and wood shingles	ASTM D8257	2020

FBC-R Section	Description	Referenced Standard or Code Section ¹	Year
R902.1	Fire Classification	ASTM E108	2025
R905.1.1.1	Underlayment for asphalt shingles, metal roof panels or shingles, mineral surfaced roll roofing, slate and slate-type shingles, wood shakes and wood shingles	ASTM D8257	2020

1. Only the applicable reference standards and code sections cited in the main body text are listed. (-) indicates that the main body text covers the full explanation of the objective.



COMPLIANCE STATEMENT

It is the opinion of Boca Engineering Co. that CoverPro 1000, CoverPro 2000, CoverPro 3000, when installed as described in this report, has demonstrated compliance with the listed sections of the 2026 Florida Building Code (FBC) and Residential Code (FBC-R). Design and performance information can be found in the Product Evaluation section this report.

This report has been prepared and reviewed on behalf of Boca Engineering Co. by:

Christopher Bowness, P.Eng., P.E.

2026-09-22

Issue Date

2029-12-31

Expiry Date



EVALUATION REPORT TERMS

1. This report is a general evaluation of the building code section requirements as identified and applies only to the samples that were evaluated. It does not imply any endorsement or warranty, nor that the signatory Engineer is the Designer of Record of any construction project for which the information is used.
Rule 61G20-3 (17)(a) Definition: Evaluation report means a report based upon testing or comparative or rational analysis, or a combination thereof, from an approved product evaluation entity or a licensed Florida professional engineer or architect indicating that the product was evaluated to be in compliance with the Code or the intent of the Code and that the product complies with the Code or is, for the purpose intended, at least equivalent to that required by the Code.
2. This Evaluation Report expires December 31, 2029, open to renewal. Up to the renewal date, the report is valid until such time as the named product(s) changes, the Quality Assurance Agency changes, or provisions of the Code that relate to the product change.

CERTIFICATION OF INDEPENDENCE

1. Boca Engineering Co., it's employees and shareholders, do not have, nor do they intend to or will acquire, a financial interest in any company manufacturing or distributing products that they evaluate.
2. Boca Engineering Co. is not owned, operated, or controlled by any company manufacturing or distributing products that they evaluate.

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Product Evaluation

1.0 PRODUCT DESCRIPTION

- 1.1. **CoverPro 1000, CoverPro 2000, CoverPro 3000, Roofing Underlayments** are mechanically attached roll underlay sheets that are an approved ASTM D8257 in accordance with FBC 1507.1.1.1 and R905.1.1.1.
- 1.2. CoverPro 1000 is comprised of a non-woven polymeric top scrim laminated onto a cross-woven bottom scrim and has an overall nominal weight of 1.74 lbs per 100 sqft.
- 1.3. CoverPro 2000 is comprised of a non-woven polymeric top scrim laminated onto a cross-woven bottom scrim and has an overall nominal weight of 1.97 lbs per 100 sqft. The bottom side of the cross-woven scrim is coated with an elastomeric material.
- 1.4. CoverPro 3000 is comprised of a non-woven polymeric top scrim laminated onto a cross-woven bottom scrim and has an overall nominal weight of 2.5 lbs per 100 sqft. The exposed side is coated with an elastomeric material.

2.0 INSTALLATION

- 2.1. The underlayments as described in Section 1.0 shall be installed in accordance with the manufacturer's installation instructions, the 2026 Florida Building Code, and are subject to the Limitations stated within this report.
- 2.2. Underlayment is applied on a nailable deck, with overlaps and fastening per FBC Table 1507.1.1.1 or R905.1.1.1 for the applicable type of roof covering.
- 2.3. The roof assembly construction details of FBC 1503 or R903 are to be followed. Flashing, ventilation, and drainage details are to be applied in accordance with the Code requirements.
- 2.4. Joints in the roof deck must be prepared and flashed in accordance with FBC 1507.1.1.1 or R905.1.1.1, prior to applying the roof underlayment.

3.0 CODE SECTIONS REVIEW

<u>FBC Section</u>	<u>Description</u>
1505.1	Fire Classification See Section 5.0 of this report.
1507.1.1.1	Underlayment for asphalt shingles, metal roof panels or shingles, mineral surfaced roll roofing, slate and slate-type shingles, wood shakes and wood shingles The underlayments can be installed in compliance with the requirements of Method 2 or Method 3. References to the applicable third-party testing reports are found in Section 9 of this report. The installation details and limitations are as per Sections 2.0 and 4.0, respectively, of this report.
<u>FBC-R Section</u>	<u>Description</u>
R902.1	Fire Classification See Section 5.0 of this report.
R905.1.1.1	Underlayment for asphalt shingles, metal roof panels or shingles, mineral surfaced roll roofing, slate and slate-type shingles, wood shakes and wood shingles Same as this report commentary to FBC 1507.1.1.1.



4.0 LIMITATIONS

1. This Evaluation is for the base code requirements of the building system as addressed in this report. In some building applications, additional performance objectives may be required by Code which must be addressed in the building design for those specific cases.
2. Design calculations, drawings, and special inspections are to be furnished for building projects by registered professionals as required by the respective jurisdictional authorities and Codes.
3. The underlayment is for use only on nailable decks as described in FBC Table 1507.1.1.1 or R905.1.1.1.
4. Roof coverings are limited to those in FBC 1507.1.1.1 or R905.1.1.1.
5. Installation as an underlayment for Concrete and Clay roof tiles is not recognized within this report.
6. Installation as an underlayment for Wood Shingles and Shakes is not permitted in accordance with FBC 1507.1.1.1, item 3, exception.
7. High Velocity Hurricane Zone (HVHZ) applications and Code sections are not recognized within this report.
8. Roof slopes must be 2:12 or greater.
9. Where V_{ult} exceeds 170 mph, metal cap nails are required.
10. This product is not for use as materials in built-up roofing as described in FBC 1507.10 or R905.9.

5.0 FIRE CLASSIFICATION

Where roof fire classification of Class A, B, or C is required, the underlayments are approved as components in specific ASTM E108 listed assemblies:

CoverPro 1000, CoverPro 2000, and CoverPro 3000 listing by QAI Laboratories may be found at

<https://qai.org/directory/system-components-corporation-2/>.

6.0 MANUFACTURING PLANTS, LABELING, AND QUALITY ASSURANCE ENTITY

The products evaluated in this report are surveyed at the two approved manufacturing locations with third-party quality assurance inspections and product certification labeling by QAI Laboratories. Labeling shall be in accordance with the requirements of the FBC, and the Accredited Quality Assurance Agency.

7.0 REFERENCE TESTING AND EVALUATION DOCUMENTS

Entity	Entity Accreditation ¹	Standards	Report No.	Issue Date
QAI	IAS TL-220	ASTM D8257	RJ59152-1	2023-10-06
QAI	IAS TL-220	ASTM D8257	RJ59152-2	2023-10-06
QAI	IAS TL-220	ASTM D8257	RJ59152-3	2023-10-06
QAI	IAS TL-220	ASTM D8257	RJ59152-EEV	2023-10-11
QAI	IAS AA-723	QA Inspections	B1040-2	2026-09-22
Intertek	IAS TL-394	ASTM D8257	251030008SHF-001	2025-10-30
Intertek	IAS TL-274	ASTM E108	106344737COQ-001	2025-10-25
QAI	IAS PCA-119	Fire Classification (ASTM E108)	B1040-2	2023-10-19

1. Testing, certification, evaluation, and inspection agencies referenced have been verified to be accredited for the applicable scope and to be in good standing in accordance to Rule 61G20-3. All technical reference documents are current as of this date.

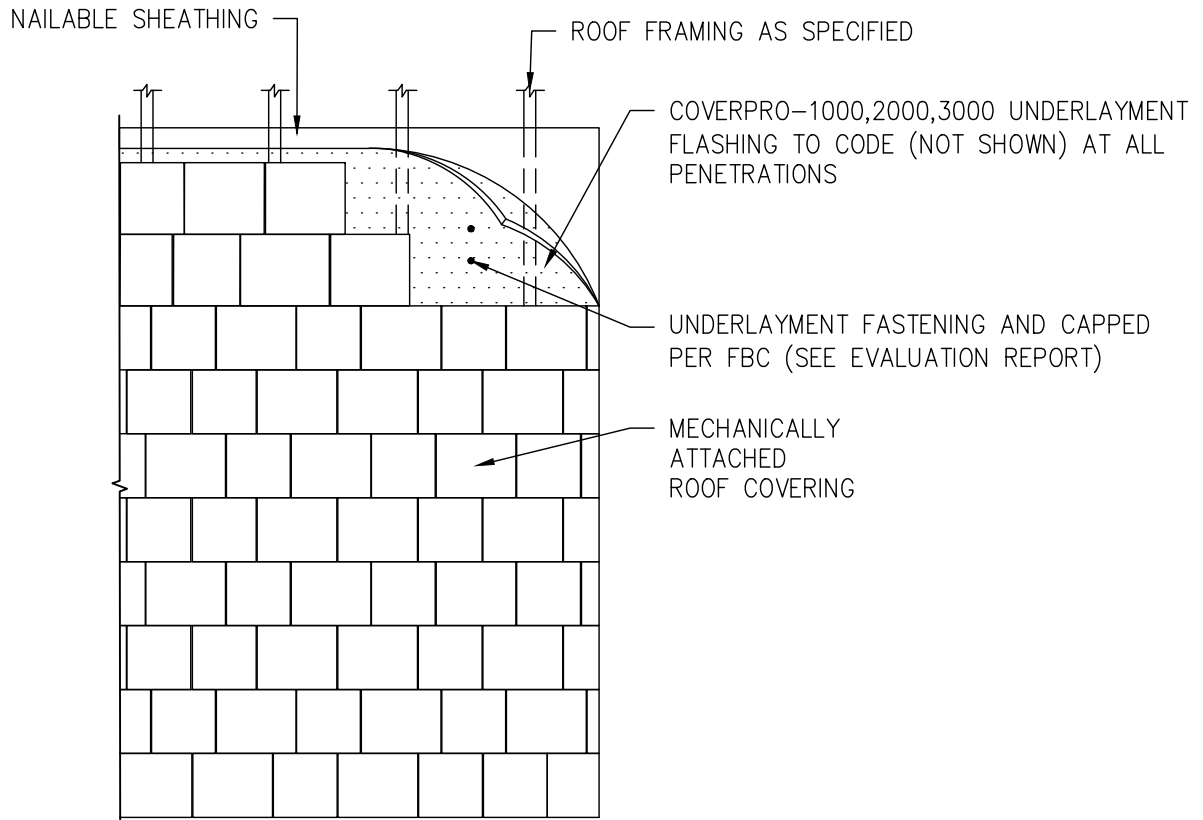
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Attachments

ATTACHMENT 1: ASSEMBLY DIAGRAMS



SYSTEM COMPONENTS COVERPRO-1000, 2000, AND 3000 ROOFING UNDERLAYMENT ROOF ASSEMBLY COMPONENTS DIAGRAM



A
1 GENERAL ROOFING INSTALLATION ASSEMBLY
ELEVATION VIEW NOT-TO-SCALE

NOTES:

1. THE INSTALLATION DETAILS DESCRIBED ARE OF THE LABORATORY TESTED ASSEMBLY AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THE LICENSED ENGINEER OR ARCHITECT PREPARED SITE-SPECIFIC DOCUMENTS SHALL BE USED.
2. THESE DRAWINGS APPLY TO THE TESTING ASSEMBLY ONLY AND DO NOT IMPLY THAT THE SIGNATORY ENGINEER IS THE DESIGNER OF RECORD FOR ANY FUTURE CONSTRUCTION ON WHICH THEY ARE USED.

DRAWING FOR ENGINEERING
EVALUATION REPORT – NOT
FOR USE AS CONSTRUCTION
DESIGN DOCUMENTS

COPYRIGHT ©2023 RESERVED. THESE PLANS AND DESIGNS ARE AT ALL TIMES THE PROPERTY OF BOCA ENGINEERING CO.
TO BE USED FOR THE PROJECT SHOWN. WRITTEN CONSENT IS REQUIRED FROM THE ENGINEER BEFORE ANY REPRODUCTION.

CLIENT: SYSTEM COMPONENTS CORPORATION	PROJECT: COVERPRO ROOFING UNDERLAYMENT	TITLE: COVERPRO ROOFING INSTALLATION COMPONENTS DETAILS	DRAWING NO.	DES CB
			0090-2-3-6148	DRN EA
			DATE SEPTEMBER 22, 2026	CHK CB