

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Owens Corning	Asphalt Architectural Shingle	FL10674-R20
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	Naitional Nail- Stinger	Synthetic Underlayment	FL21039.1
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Uriel Trujillo

Contractor OR Agent Signature

11/05/2024

Date

NOTES: _____



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

► OFFICE OF THE
SECRETARY

FL #	FL10674-R20										
Application Type	Revision										
Code Version	2023										
Application Status	Approved										
Comments											
Archived	<input type="checkbox"/>										
Product Manufacturer	Owens Corning										
Address/Phone/Email	One Owens Corning Parkway Toledo, OH 43659 (740) 404-7829 greg.keeler@owenscorning.com										
Authorized Signature	Greg Keeler greg.keeler@owenscorning.com										
Technical Representative	Mel Sancrant										
Address/Phone/Email	1 Owens Corning PKWY Toledo, OH 43659 (419) 376-8360 mel.sancrant@owenscornig.com										
Quality Assurance Representative											
Address/Phone/Email											
Category	Roofing										
Subcategory	Asphalt Shingles										
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received										
Florida Engineer or Architect Name who developed the Evaluation Report	Robert J.M. Nieminen										
Florida License	PE-59166										
Quality Assurance Entity	PRI Construction Materials Technologies, LLC										
Quality Assurance Contract Expiration Date	12/31/2099										
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received										
Certificate of Independence	FL10674_R20_COI_2024_07_COI_NIEMINEN.pdf										
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>ASTM D1970</td><td>2017</td></tr> <tr> <td>ASTM D3161</td><td>2016</td></tr> <tr> <td>ASTM D3462</td><td>2016</td></tr> <tr> <td>ASTM D7158</td><td>2019</td></tr> </tbody> </table>	Standard	Year	ASTM D1970	2017	ASTM D3161	2016	ASTM D3462	2016	ASTM D7158	2019
Standard	Year										
ASTM D1970	2017										
ASTM D3161	2016										
ASTM D3462	2016										
ASTM D7158	2019										
Equivalence of Product Standards Certified By											

Product Approval Method	Method 1 Option D
Date Submitted	08/23/2024
Date Validated	08/27/2024
Date Pending FBC Approval	08/28/2024
Date Approved	10/15/2024

Summary of Products

FL #	Model, Number or Name	Description
10674.1	Owens Corning Asphalt Roofing Shingles and Starters (NON-HVHZ)	3-tab, 4-tab, laminated, starter and hip & ridge shingles for use in FBC non-HVHZ jurisdictions.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to PEER Section 5.		Installation Instructions FL10674 R20 II 2024 08 23 FINAL PEER-OC-004.A FL10674-R20.pdf Verified By: Robert J. M. Nieminen PE - 59166 Created by Independent Third Party: Yes Evaluation Reports FL10674 R20 AE 2024 08 23 FINAL PEER-OC-004.A FL10674-R20.pdf Created by Independent Third Party: Yes

[Back](#) [Next](#)

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Owens Corning Roofing and Asphalt, LLC

One Owens Corning Parkway
Toledo, OH 43659
(740) 321-6345

PEER-OC-004.A.R15

FL10674-R20 (NON-HVHZ)

Date of Issuance: 02/06/2012

Revision 15: 08/23/2024

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **8th Edition (2023) Florida Building Code sections noted herein.**

DESCRIPTION: Owens Corning Asphalt Roof Shingles (NON-HVHZ)

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and **FBC 1507.2.7.1 / R905.2.6.1**

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

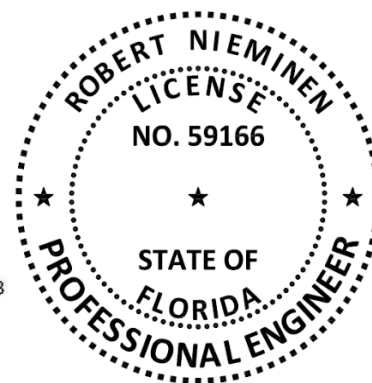
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 11.

Prepared by:

Digitally signed by
Robert Nieminen
Date: 2024.08.23
'11:14:35 -04'00

This item has been digitally signed and sealed by
Robert Nieminen, P.E.
Printed copies of this document are not
considered signed and sealed, and the signature
must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated, or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

©2018 NEMO ETC, LLC

ROOFING SYSTEMS EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Asphalt Shingles
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: Owens Corning Asphalt Roof Shingles, as produced by Owens Corning Roofing and Asphalt, LLC, have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

<u>SECTION</u>	<u>PROPERTY</u>	<u>STANDARD</u>
1507.1.1, R905.1.1	Physical Properties	ASTM D1970
1507.2.5, R905.2.4	Material standard	ASTM D3462
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D3161
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D7158

3. REFERENCES:

<u>ENTITY</u>	<u>EXAMINATION</u>	<u>REFERENCE</u>	<u>DATE</u>
Owens Corning	Equivalency	Declaration	08/06/2019
PRI (CER12639)	Various Certifications	Various Certifications	Current
PRI (TST5878)	ASTM D1970	OCF-382-02-01	10/24/2017
PRI (TST5878)	ASTM D3462	1378T0011	08/27/2019
PRI (TST5878)	ASTM D3161	1378T0470A	07/18/2024
PRI (TST5878)	ASTM D3161	1378T0470B	07/18/2024
PRI (TST5878)	ASTM D3161	1378T0471	07/18/2024
UL (TST9628)	ASTM D7158 / D3161	4788364899	12/20/2018
PRI (QUA9110)	Quality Control	Service Confirmation	04/05/2020
PRI (QUA9110)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

TABLE 1A: STARTER STRIPS			
PRODUCT	PLANT(S)	MATERIAL STANDARD	DESCRIPTION
Starter Strip Shingle	Houston, TX; Portland, OR	ASTM D3462	starter strips for asphalt roof shingles
Starter Strip Plus	Medina, OH; Minneapolis, MN; Portland, OR		
SRS TopShield Starter	Medina, OH; Minneapolis, MN; Portland, OR		
Starter Shingle Roll	Brentwood, NH	ASTM D1970	mineral-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen starter

TABLE 1B: ASPHALT SHINGLES			
PRODUCT	PLANT(S)	MATERIAL STANDARD	DESCRIPTION
Supreme®	Refer to PRI Certification	ASTM D3462	fiberglass reinforced 3-tab asphalt roof shingles
Berkshire®	Refer to PRI Certification	ASTM D3462	fiberglass reinforced, 4-tab asphalt roof shingles
Duration® Premium	Refer to PRI Certification	ASTM D3462	fiberglass reinforced, laminated asphalt roof shingles
Duration® Premium COOL	Compton, CA		
Oakridge®	Refer to PRI Certification		
TruDefinition® Duration®	Refer to PRI Certification	ASTM D3462	fiberglass reinforced, laminated asphalt roof shingles
TruDefinition® Duration® Designer Color Collection	Refer to PRI Certification		
TruDefinition® Duration FLEX®	Refer to PRI Certification		
TruDefinition® Duration STORM®	Refer to PRI Certification		
TruDefinition® Oakridge®	Refer to PRI Certification		

TABLE 1C: HIP AND RIDGE SHINGLES			
PRODUCT	PLANT(S)	MATERIAL STANDARD	DESCRIPTION
Berkshire® Hip and Ridge Shingles with Sealant	Refer to PRI Certification	ASTM D3462	fiberglass reinforced, hip and ridge asphalt roof shingles
DuraRidge® Hip and Ridge Shingles with Sealant	Refer to PRI Certification		
ImpactRidge® Hip & Ridge Shingles	Refer to PRI Certification		
ProEdge®	Refer to PRI Certification		

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

5.5 Wind Classification: Refer to [Section 6](#) for installation requirements to meet wind classifications

5.5.1 Starter Strips:

TABLE 2A: WIND CLASSIFICATIONS, STARTER STRIPS	
PRODUCT	FBC TABLE 1507.2.7.1 OR R905.2.6.1
Starter Strip Shingle, Starter Strip Plus or SRS TopShield Starter	ASTM D3161, Class F

5.5.2 Asphalt Shingles:

TABLE 2B: WIND CLASSIFICATIONS, ASPHALT SHINGLES	
PRODUCT	FBC TABLE 1507.2.7.1 OR R905.2.6.1
Supreme®, Berkshire®, Duration® Premium, Duration® Premium COOL, TruDefinition® Duration®, TruDefinition® Duration® Designer Color Collection, TruDefinition® Duration FLEX®, TruDefinition® Duration STORM®, Oakridge® or TruDefinition® Oakridge®	ASTM D3161(F) and ASTM D7158(H)

5.5.2.1 Classification by ASTM D7158:

ASTM D7158, Class H applies only to **exposure category B or C** and a **building height of 60 feet or less**. Calculations by a qualified design professional are required for conditions outside these limitations. Contact the shingle manufacturer for data specific to each shingle.

5.5.3 Hip and Ridge Shingle:

TABLE 2C: WIND CLASSIFICATIONS, HIP AND RIDGE SHINGLES	
PRODUCT	FBC TABLE 1507.2.7.1 OR R905.2.6.1
Berkshire® Hip and Ridge Shingles with Sealant, DuraRidge® Hip and Ridge Shingles with Sealant, ImpactRidge® Hip & Ridge Shingles or ProEdge®	ASTM D3161, Class F

5.5.4 Refer to Owens Corning published information on wind resistance and installation limitations.

5.6 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

6. INSTALLATION:

6.1 GENERAL:

- 6.1.1 Roof deck, slope, underlayment and fasteners shall comply with **FBC 1507.2 / R905.2** and the shingle manufacturer's minimum requirements.
- 6.1.2 Underlayment shall be acceptable to **Owens Corning Roofing and Asphalt, LLC** and shall hold current [Florida Product Approval](#), or be Locally Approved in accordance with [Rule 61G20-3](#) (FBC Sections 1507.2.3 or R905.2.3).
- 6.1.3 Fasteners shall be in accordance with manufacturer's published requirements, but not less than **FBC 1507.2.6 or R905.2.5**. Staples are not permitted.
- 6.1.4 Owens Corning asphalt shingles are acceptable for use in reroof (tear-off) or recover applications, subject to the limitations set forth in **FBC Section 1511 or R908** and published installation instructions.

6.2 STARTER SHINGLES:

6.2.1 Installation of **Starter Strip Shingle**, **Starter Strip Plus** and **SRS TopShield Starter** shall comply with the **Owens Corning Roofing and Asphalt, LLC** current published instructions, using minimum five (5) nails per strip.

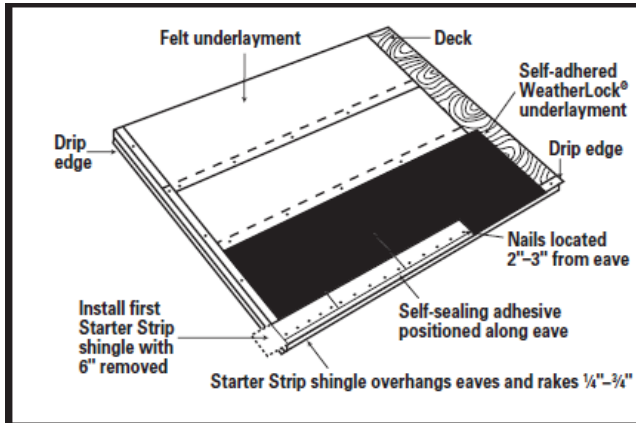


Figure 1: Minimum Nailing, Starter Strip

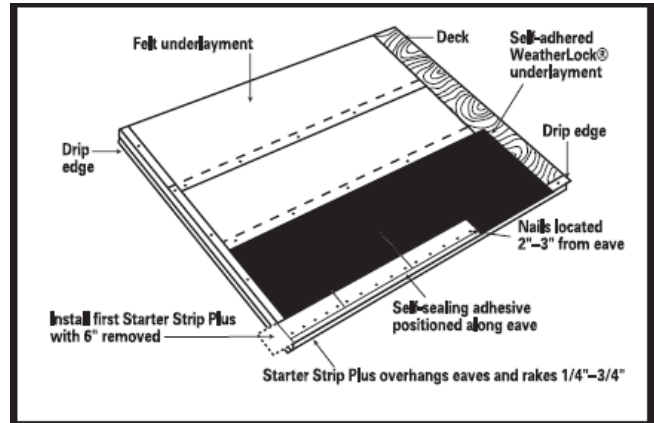


Figure 2: Minimum Nailing, Starter Strip Plus

6.2.2 Installation of **Starter Shingle Roll** shall comply with the Owens Corning current published instructions.

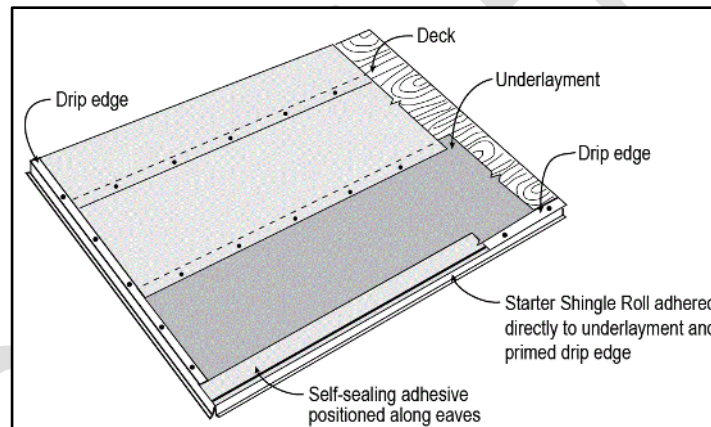


Figure 3: Starter Shingle Roll

6.3.4

Duration® Premium, Duration® Premium COOL, TruDefinition® Duration, TruDefinition® Duration® Designer Color Collection TruDefinition® Duration FLEX® and TruDefinition® Duration STORM®:

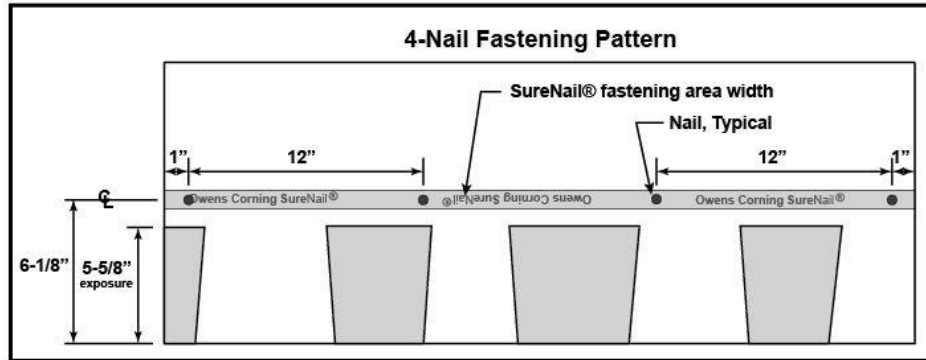


Figure 9: Standard 4-Nail Pattern, Duration

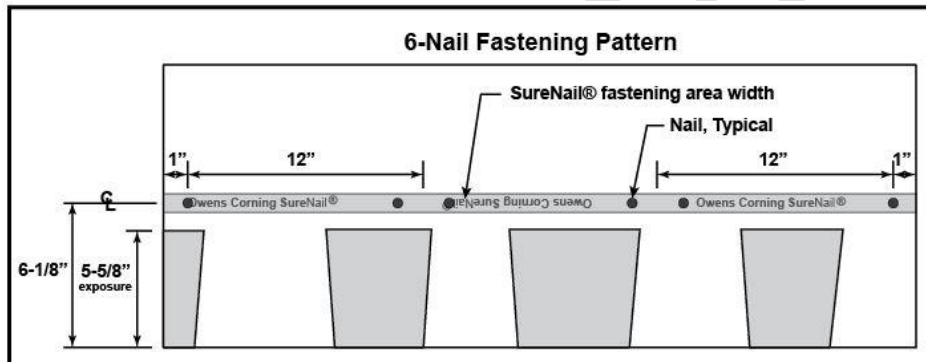


Figure 10: 6-Nail Pattern, Duration

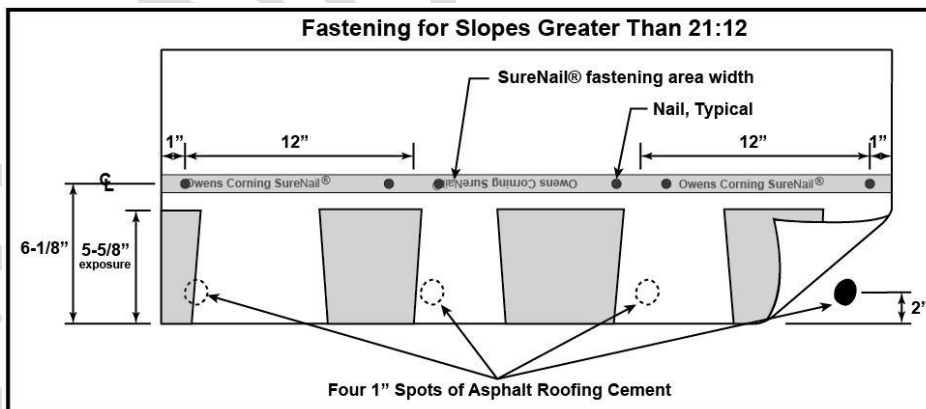


Figure 11: Mansard or Steep Slope Pattern, Duration

6.4 HIP AND RIDGE SHINGLES:

6.4.1 Installation of asphalt shingles shall comply with the **Owens Corning Roofing and Asphalt, LLC** current published instructions.

- Berkshire® Hip and Ridge Shingles *with Sealant*, DuraRidge® Hip and Ridge Shingles *with Sealant*, ImpactRidge and ProEdge require minimum two (2) nails per shingle.

Refer to Owens Corning published information on wind resistance and installation limitations.

6.4.2 Berkshire® Hip and Ridge *with Sealant* and DuraRidge® Hip and Ridge Shingles *with Sealant*:

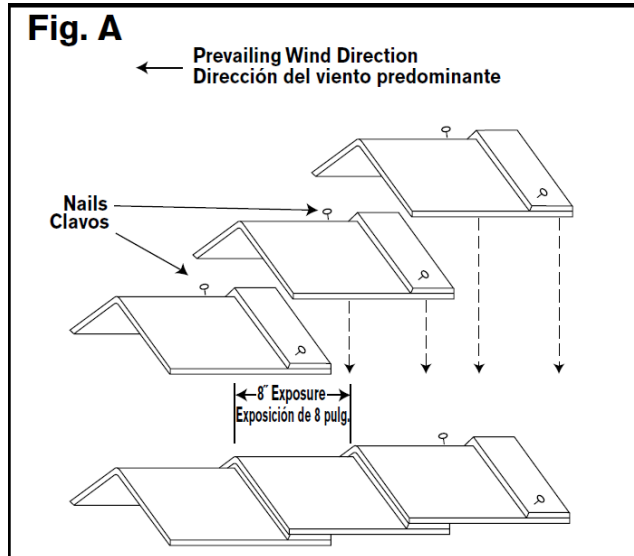


Figure 15: Isometric View, Berkshire and DuraRidge

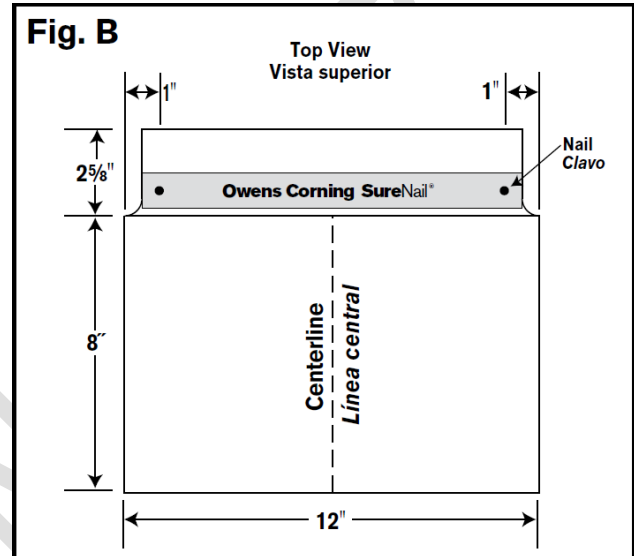


Figure 16: Plan View, Berkshire and DuraRidge

6.4.3 ImpactRidge® Hip & Ridge Shingles and ProEdge®:

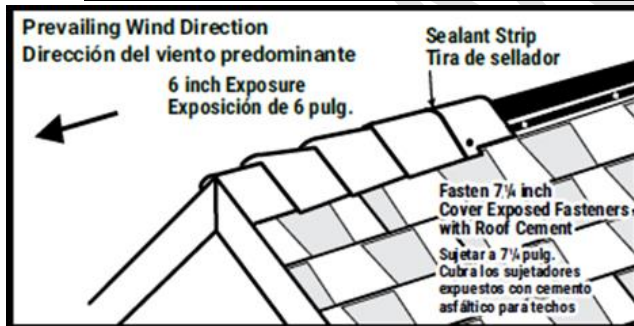


Figure 17: Isometric View, ImpactRidge and ProEdge

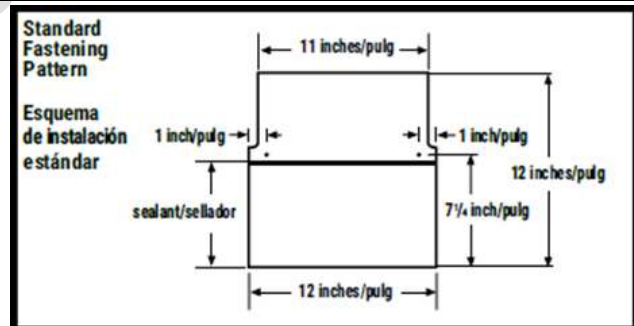


Figure 18: Plan View, ImpactRidge and ProEdge



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

► OFFICE OF THE
SECRETARY

FL #	FL21039-R6	
Application Type	Revision	
Code Version	2023	
Application Status	Approved	
Comments		
Archived	<input type="checkbox"/>	
Product Manufacturer	National Nail	
Address/Phone/Email	2964 Clydon Ave. SW Grand Rapids, MI 49519 (616) 261-2166 chris_colyn@nationalnail.com	
Authorized Signature	Christopher Colyn chris_colyn@nationalnail.com	
Technical Representative	Chris Colyn	
Address/Phone/Email	2964 Clydon Ave SW Grand Rapids, MI 49519 (616) 261-2166 chris_colyn@nationalnail.com	
Quality Assurance Representative	Jason Ballou	
Address/Phone/Email	2964 Clydon Ave SW Grand Rapids, MI 49519 (616) 261-2126 jason_ballou@nationalnail.com	
Category	Roofing	
Subcategory	Underlayments	
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received	
Florida Engineer or Architect Name who developed the Evaluation Report	Zachary R. Priest	
Florida License	PE-74021	
Quality Assurance Entity	Twining Consulting Inc.	
Quality Assurance Contract Expiration Date	12/31/2024	
Validated By	Steven M. Urich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received	
Certificate of Independence	FL21039_R6_COI_CoI_CREEK Technical Services 2023.pdf	
Referenced Standard and Year (of Standard)	<u>Standard</u> ASTM D 8257	<u>Year</u> 2020
Equivalence of Product Standards Certified By		
Sections from the Code		

Product Approval Method

Method 1 Option D

Date Submitted

10/09/2023

Date Validated

10/09/2023

Date Pending FBC Approval

10/18/2023

Date Approved

12/13/2023

Summary of Products

FL #	Model, Number or Name	Description
21039.1	Stinger Underlayments	Mechanically attached, woven polypropylene, ASTM D 8257 underlayments
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use.		Installation Instructions FL21039_R6_II_NNC16001.5 2023 FBC Eval Underlayments final.pdf Verified By: Zachary R. Priest PE-74021 Created by Independent Third Party: Yes Evaluation Reports FL21039_R6_AE_NNC16001.5 2023 FBC Eval Underlayments final.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida.](#) :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

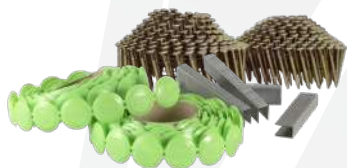




STINGER®

SYNTHETIC UNDERLAYMENT

- 25 year warranty.
- ICC-ES ESR-3905
- Made in the United States.
- Proprietary non-skid additive on walking surface for slip resistance.
- 100% polypropylene synthetic woven fabric offers high tear strength.
- Manufactured from post industrial recycled materials.
- 100% recyclable - eliminates job site scrap.
- Light - only 20lbs per roll.
- 10 squares per roll - fewer rolls to carry on the roof.
- UV resistant - can be left exposed for up to 6 months.
- Preprinted nailing pattern and overlap lines to speed installation.
- Approved and warrantied for use under metal roof coverings.
- Recommended installation with STINGER® cap tools and cap fasteners, available in collated StaplePac® and NailPac® or HandDrive cap nails.



STINGER CAP SYSTEMS

RECOMMENDED **BEST PRACTICE** FOR SECURING SYNTHETIC UNDERLAYMENTS AND HOUSEWRAP.



800.746.5659
stingerworld.com



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: NATIONAL NAIL
2964 Clydon Avenue
Grand Rapids, MI 49519
(800) 968-6245
www.stingerworld.com

Issued August 30, 2023

Manufacturing Locations: Valdosta, GA

Quality Assurance: RADCO, Inc. (QUA1990)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.1.1, 1518.2
Properties: Physical properties

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	20T0009	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0011	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0012	ASTM D 8257	2020

PRODUCT DESCRIPTION

Stinger EXO25-SB	A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.0 lb/100ft ²).
Stinger EXO-STORM	A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.0 lb/100ft ²).
Stinger EXO35	A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.05 lb/100ft ²).
Stinger EXO50	A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.56 lb/100ft ²).

APPLICATION INSTRUCTIONS

Deck Type:	In accordance with FBC requirements.
Attachment method: (Non-HVHZ):	Underlayment shall be attached in accordance with the FBC Section 1507.1.1 in the non-HVHZ, FBC Section 1518.2 in the HVHZ and manufacturer's installation instructions
Allowable roof coverings:	Mechanically attached roof systems as prescribed in FBC Section 1507.1.1 in the non-HVHZ and FBC Section 1518.2 in the HVHZ.



LIMITATIONS

- 1) Fire Classification is not within the scope of this evaluation.
- 2) Wind uplift resistance is not within the scope of this evaluation.
- 3) Installation of the evaluated product 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.
- 4) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
- 5) Unless otherwise stated, the minimum roof slope shall be in accordance with FBC requirements.
- 6) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
- 7) Contact the manufacturer when installing at temperatures below the minimum application temperature.
- 8) The underlayment may be used as described in other current FBC product approval documents.
- 9) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
- 10) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
- 11) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 8/30/2023.

Printed copies of this
document are not
considered signed and
sealed and the signature
must be verified on any
electronic copies.


Digitally signed by Zachary R. Priest
DN: cn=Zachary R. Priest, o=Creek Technical Services, LLC, email=z.priest@creek-ts.com, c=US

2023.08.30
16:37:27
-04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

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