



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

**Project Description:**

Replace roof

10 N Bloodworth St

Address

Oakwood

Historic District

Historic Property

COA-0127-2023

Certificate Number

10/2/2023

Date of Issue

4/2/2024

Expiration Date

*This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature, \_\_\_\_\_

*Sein Norton*

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*



Type or print the following:

Applicant name: Meghan Calichman

Mailing address: 10 N Bloodworth Street

City: Raleigh

State: NC

Zip code: 27601

Date: September 25 2023

Daytime phone #: 201.874.4440

Email address: mcalichman@comcast.net

Applicant signature:

  
 5808814AB3F14C2...

Minor work (staff review) – one copy

Major work (COA committee review) – ten copies

Additions &gt; 25% of building sq. footage

New buildings

Demolition of building or structure

All other

Post approval re-review of conditions of approval

**Office Use Only**

Transaction #: \_\_\_\_\_

File #: COA-0127-2023

Fee: \_\_\_\_\_

Amount paid: \_\_\_\_\_

Received date: \_\_\_\_\_

Received by: \_\_\_\_\_

Property street address: 10 North Bloodworth Raleigh NC 27601

Historic district: Oakwood

Historic property/Landmark name (if applicable):

Owner name: Meghan Calichman

Owner mailing address: 10 North Bloodworth Raleigh NC 27601

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address	Property Owner Name & Address



**I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.**

Will you be applying for rehabilitation tax credits for this project? Yes <input type="radio"/> No <input checked="" type="radio"/>	Office Use Only Type of work: <u>60</u>
Did you consult with staff prior to filing the application? Yes <input type="radio"/> No <input checked="" type="radio"/>	

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
#60	replace roof covering	replace the existing roof with a new architectural shingled roof on the front porch and upper roof, and replace the rear roof with standing seam black metal roofing and flashing

Minor Work Approval (office use only)	
Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until <u>04/02/2023</u> . Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.	
Signature (City of Raleigh) <u>Emi Martin Pugh</u>	Date <u>10/02/2023</u>

10 N Bloodworth

#### Roof replacement

Replace the main second story roof and front porch roof with Certianteed Landmark Lifetime Architectural Shingles, including complete tear off of the old roof, repair the decking as needed, install Certianteed Roof Runner synthetic underlayment, swift start starter shingles, ridge vent, shadow cap and black flashing at all penetrations in MOIRE BLACK, and replace the rear lower roof with .032 black colored aluminum standing seam metal roof with Carlisle WIP250 underlayment.



## Morton, Erin

---

**From:** madisonrenovationsnc@gmail.com  
**Sent:** Monday, October 2, 2023 12:30 PM  
**To:** Morton, Erin; 'Meghan Calichman'  
**Cc:** Kinane, Collette  
**Subject:** RE: COA-0127-2023 (10 N Bloodworth St) - Minor Work  
**Attachments:** roof 1.jpeg; roof 2.jpeg; roof 3.jpeg; roof 4.jpeg; Standing Seam - Hip Detail.jpg; Standing Seam - Pic 2.jpg; Standing Seam Metal - Pic 1.jpg

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you verify that the attachment and content are safe. If you believe this email is suspicious, please click the 'Phish Alert' link in the banner to report this message.

Hey

Sorry about that. I hope this helps.

- 1- Paid fee
- 2- Attached- sorry it I hard to get up high enough so we took some out the windows of the second floor
- 3- All the roof material right now is shingles. The rear roof is less than 2:12 so we can't replace with shingle. Option is EPDM or Metal, and we picked metal.
- 4- Attached- Larry Bissett says they would use a standing seam at the hip vs a raised hip cover which is in the pics attached.

Let me know if there is anything else you need.

Thanks again

Will

---

**From:** Morton, Erin <Erin.Morton@raleighnc.gov>  
**Sent:** Friday, September 29, 2023 9:14 AM  
**To:** Meghan Calichman <mcalichman@comcast.net>; madisonrenovationsnc@gmail.com  
**Cc:** Kinane, Collette <Collette.Kinane@raleighnc.gov>  
**Subject:** COA-0127-2023 (10 N Bloodworth St) - Minor Work

Meghan,

Thank you for submitting a minor work COA. We need some additional items/questions in order to consider the application complete.

- Please log into the online portal and pay the application fee (INV-00227584)
- Provide a clearer photo of the existing main roof and photos of the porch roof.
- The existing 2<sup>nd</sup> story roof appears to be asphalt shingle, is that correct? What is the existing porch roof installation?
- Do you have a detail photo of a completed Centrigard installation? Specifically, I'd like to better understand the vertical seam profile appearance with only the snap seams proposed. There will be no field crimping as a follow-up step to flatten the seam into a true vertical joint?
- Are any ridge caps being used? If so, please provide a dimensioned ridge cap profile, similar to the pan/rib profile provided. The profile should be as low as possible.

























# Landmark<sup>®</sup> Series

Designer Roofing Series

*Landmark, shown in Weathered Wood*

 **certainteed**  
SAINT-GOBAIN

  
SAINT-GOBAIN



# LANDMARK® Solaris® CoolRoof COLOR PALETTE



Graphite  
CRRC Product ID 0668-0155



Weathered Wood  
CRRC Product ID 0668-0119

## LANDMARK® COLOR PALETTE



Silver Birch



Cobblestone Gray



Georgetown Gray



Pewter



Moiré Black



Charcoal Black



Resawn Shake



Mojave Tan



Hunter Green



# Strength with Style

## LANDMARK®

- Dual-layer durability
- Industry-best lifetime limited warranty
- 10-year algae-resistance warranty
- **Solaris® CoolRoof** colors have a Solar Reflectance Index greater than 20 SRI.

## LANDMARK® PRO

- PRI classified to UL 2218 Class 3 Impact Rated
- Dual-layer, high performance
- Max Def color palette
- Industry-best lifetime limited warranty
- 15-year **StreakFighter®** algae-resistance warranty

## LANDMARK® PREMIUM

- Dual-layer, high performance
- Max Def color palette
- Industry-best lifetime limited warranty
- 15-year **StreakFighter®** algae-resistance warranty



## LANDMARK SERIES

### SPECIFICATIONS

- Two-piece laminated fiberglass-based construction
- Classic shades and dimensional appearance of natural wood or slate
- **Solaris® CoolRoof** colors have a Solar Reflectance Index greater than 20 SRI.

*For U.S. building code compliance, see product specification sheets.*

CertainTeed products are tested to ensure the highest quality and comply with the following industry standards:

#### Fire Resistance:

- UL Class A
- UL certified to meet ASTM D3018 Type 1

#### Wind Resistance:

- UL certified to meet ASTM D3018 Type 1
- ASTM D3161 Class F

#### Tear Resistance:

- UL certified to meet ASTM D3462
- CSA standard A123.5

#### Wind Driven Rain Resistance:

- Miami-Dade Product Control Acceptance:  
Please reference [www.certainteed.com](http://www.certainteed.com) to determine approved products by manufacturing location.

#### Impact Resistance:

- UL classified to meet UL 2218 Class 3 (Landmark PRO)

#### Quality Standards:

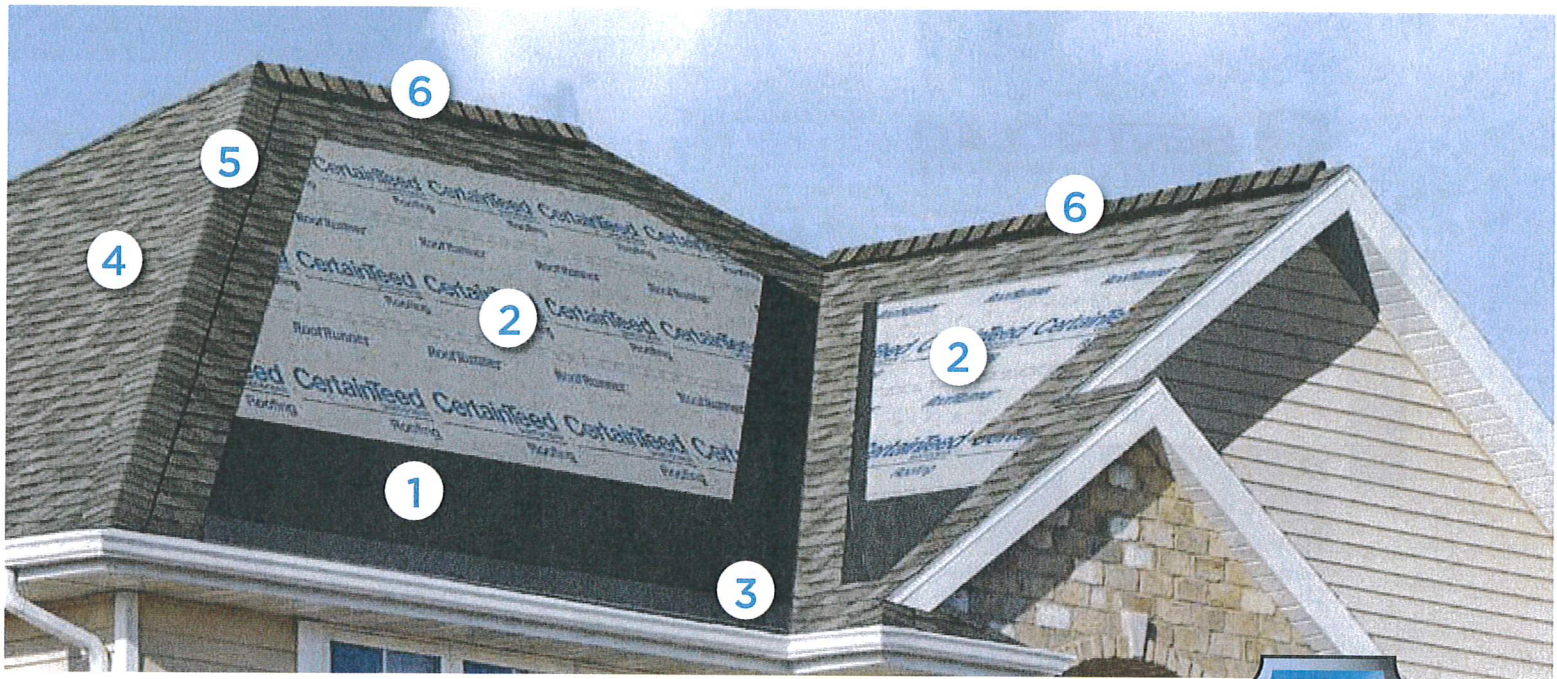
- ICC-ES-ESR-1389 & ESR-3537

### WARRANTY

- Lifetime limited transferable warranty against manufacturing defects on residential applications
- 50-year limited transferable warranty against manufacturing defects on group-owned or commercial applications
- **StreakFighter®** algae-resistance warranty (10-year – Landmark, 15-year – Landmark PRO, and Landmark Premium)
- 10-year SureStart™ protection
- 15-year 110 mph wind-resistance warranty
- Wind warranty upgrade to 130 mph available. CertainTeed starter and CertainTeed hip and ridge required

*See actual warranty for specific details and limitations.*





# Integrity Roof System™

A COMPLETE APPROACH TO LONG LASTING BEAUTY AND PERFORMANCE



With as much care as you take in selecting the right contractor, choosing the right roof system is equally as important. A CertainTeed Integrity Roof System combines key elements that help ensure you have a well-built roof for long-lasting performance.

## 1. Waterproofing Underlayment

The first step in your defense against the elements. Self-adhering underlayment is installed at vulnerable areas of your roof to help prevent leaks from wind-driven rain and ice dams.

## 2. Water-Resistant Underlayment

Provides a protective layer over the roof deck and acts as a secondary barrier against leaks.

## 3. Starter Shingles

Starter Shingles are the first course of shingles that are installed and designed to work in tandem with the roof shingles above for optimal shingle sealing and performance.

## 4. Shingles

Choose from a variety of Good-Better-Best styles to complement any roof design and fit your budget.

## 5. Hip & Ridge Caps

Available in numerous profiles, these accessories are used on the roof's hip and ridge lines for a distinctive finishing touch to your new roof.

## 6. Ventilation

A roof that breathes is shown to perform better and last longer. Ridge Vents, in combination with Intake Vents, allow air to flow on the underside of your roof deck, keeping the attic cooler in the summer and drier in the winter.

learn more at:

[certainteed.com/roofing](http://certainteed.com/roofing)

Landmark® Series  
available in  
areas shown



**CertainTeed**








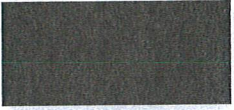
















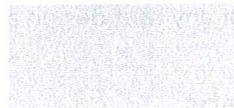

CEILINGS • DECKING • FENCE • GYPSUM • INSULATION • RAILING • ROOFING • SIDING • TRIM  
20 Moores Road, Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 [certainteed.com](http://certainteed.com)

©01/23 CertainTeed, Printed in the USA, Code No. 00-00-131-US-EN  
Rev. 02/23








## ARCHITECTURAL COLOR PALETTE

### Core Colors

				
<b>Regal White<sup>Δ</sup></b> SR: .70 IE: .85 SRI: 85	<b>Bone White<sup>Δ</sup></b> SR: .68 IE: .86 SRI: 82	<b>Almond<sup>Δ</sup></b> SR: .63 IE: .86 SRI: 75	<b>Sandstone<sup>Δ</sup></b> SR: .47 IE: .86 SRI: 53	<b>Surrey Beige<sup>Δ</sup></b> SR: .35 IE: .86 SRI: 37
				
<b>Sierra Tan</b> SR: .30 IE: .85 SRI: 30	<b>Medium Bronze</b> SR: .26 IE: .84 SRI: 24	<b>Mansard Brown</b> SR: .29 IE: .86 SRI: 29	<b>Dark Bronze</b> SR: .26 IE: .84 SRI: 25	<b>Extra Dark Bronze-</b> SR: .05 IE: .89 SRI: -1
				
<b>Patina Green</b> SR: .25 IE: .87 SRI: 24	<b>Hemlock Green</b> SR: .28 IE: .87 SRI: 28	<b>Classic Green</b> SR: .25 IE: .86 SRI: 24	<b>Hartford Green-<sup>**</sup></b> SR: .10 IE: .86 SRI: 4	<b>Teal<sup>**</sup></b> SR: .28 IE: .87 SRI: 28
				
<b>Slate Blue</b> SR: .27 IE: .86 SRI: 26	<b>Regal Blue<sup>**</sup></b> SR: .30 IE: .86 SRI: 30	<b>Terra Cotta</b> SR: .39 IE: .85 SRI: 42	<b>Banner Red<sup>**</sup></b> SR: .44 IE: .86 SRI: 49	<b>Colonial Red</b> SR: .31 IE: .87 SRI: 31
				
<b>Brandywine<sup>**</sup></b> SR: .27 IE: .87 SRI: 27	<b>Dove Gray</b> SR: .49 IE: .87 SRI: 56	<b>Slate Gray<sup>Δ</sup></b> SR: .37 IE: .86 SRI: 39	<b>Charcoal</b> SR: .08 IE: .90 SRI: 4.0	<b>Matte Black</b> SR: .26 IE: .86 SRI: 25
	<p><sup>**</sup> Featuring a pearlescent mica finish; subject to premium pricing. Colors shown are as close to actual colors as allowed by the printing process. Actual metal samples are available. Colors may appear different when viewed at different angles and under different lighting conditions. Due to product improvements, changes and other factors, we reserve the right to change or delete information herein without prior notice.</p> <div>  <p>-All Standard Stocked colors are ENERGY STAR<sup>®</sup> approved except Hartford Green, Extra Dark Bronze</p> <p>Δ LEED<sup>®</sup> compliant for low slope and steep slope</p> <p>Δ LEED<sup>®</sup> compliant for steep slope only</p> <p>PVDF - 70% polyvinylidene flouride resin paint system</p> </div>			
<b>Stone White<sup>Δ</sup></b> SR: .62 IE: .85 SRI: 73				

### Mica Color<sup>++</sup>

				
<b>Bright Silver<sup>Δ</sup> S66</b> SR: .55 IE: .77 SRI: 61	<b>Silversmith<sup>Δ</sup> S15</b> SR: .48 IE: .80 SRI: 52	<b>Champagne S20</b> SR: .37 IE: .83 SRI: 38	<b>Pewter S11</b> SR: .36 IE: .85 SRI: 38	<b>Bright Copper<sup>Δ</sup> S25</b> SR: .41 IE: .85 SRI: 44

### 26 Gauge Low Gloss

				
<b>Sierra Tan</b> SR: .46 IE: .87 SRI: 52	<b>Slate Gray</b> SR: .37 IE: .86 SRI: 39	<b>Medium Bronze</b> SR: .31 IE: .87 SRI: 32	<b>Dark Bronze</b> SR: .28 IE: .86 SRI: 27	<b>Colonial Red</b> SR: .31 IE: .87 SRI: 31
				
<b>Classic Green</b> SR: .31 IE: .87 SRI: 32	<b>Hartford Green<sup>**</sup></b> SR: .31 IE: .87 SRI: 32	<b>Slate Blue</b> SR: .30 IE: .87 SRI: 31	<b>Matte Black</b> SR: .26 IE: .86 SRI: 25	

Acrylic Coated Galvalume  
also available (not pictured)

877-495-7663  
www.sentrigrad.com

SR = Solar Reflectivity IE = Initial Emissivity SRI = Solar Reflective Index

<sup>\*\*</sup> DENOTES EXOTIC COLORS AND ARE SUBJECT TO PREMIUM PRICING



ARCHITECTURAL PVDF				STEEL				ALUMINUM			
COLOR	SR	IE	SRI	26GA.†	24GA.†	22GA.†▲	18GA.†▲	.032"†	.040"†	.050"†▲	.063"†▲
Regal White	.70	.85	85		●■	●	●	●■			●
Bone White	.68	.86	82		●■	●	●	●■	●	●	
Almond	.63	.86	75		●■			●■	●	●	
Sandstone	.47	.86	53		●■	●		●	●	●	
Surrey Beige	.35	.86	37		●■	●		●	●	●	
Sierra Tan	.30	.85	30	LG	●■			●	●	●	
Medium Bronze	.26	.84	24	LG^	●■	●	●	●■	●	●	●
Mansard Brown	.29	.86	29		●■			●■	●	●	
Dark Bronze	.26	.84	25	LG^	●■	●	●	●■	●	●	●
Extra Dark Bronze	.05	.89	-1.0		●■			●		●	
Patina Green	.25	.87	24		●■			●			
Hemlock Green	.28	.87	28		●■						
Classic Green	.25	.86	24	LG	●■	●		●	●		
Hartford Green**	.10	.86	4.0	LG	●■			●		●	
Teal**	.28	.87	28		●						
Regal Blue**	.30	.86	30		●■			●			
Slate Blue	.27	.86	26	LG	●■			●			
Terra Cotta	.39	.85	42		●■						
Banner Red**	.44	.86	49		●■			●			
Colonial Red	.31	.86	31	LG	●■			●			
Brandywine**	.27	.87	27		●■			●			
Dove Gray	.49	.87	56		●■			●■		●	
Slate Gray	.37	.86	39	LG^	●■			●■	●		
Charcoal	.08	.90	4.0		●■	●		●■	●	●	
Matte Black	.26	.86	25	LG^	●■	●		●■	●	●	
Bright Silver++	.55	.77	61		●■			●■	●	●	
Silversmith++	.48	.80	52		●■			●			
Champagne++	.37	.83	38		●■			●			
Pewter++	.36	.85	38		●■			●			
Bright Copper++	.41	.85	44		●■			●■			
Stone White	.62	.85	73		●■			●	●		

PAINT PERFORMANCE PROPERTIES	HOT DIPPED GALVANIZED STEEL OR GALVALUME®	ALUMINUM
<b>Accelerated Weathering</b> ASTM D 4587 (Drew Cycle Weatherometer) ASTM G-154 Chalk Rating Per ASTM D 4214, Method A	Hours: 3,000 Total Chalk: Rating 8 Color: 5 Δ E Hunter units max Hours: 5,000 Total Chalk: Rating 6 Color: 5 Δ E Hunter units max	Hours: 3,000 Total Chalk: Rating 8 Color: 5 Δ E Hunter units max Hours: 5,000 Total Chalk: Rating 6 Color: 5 Δ E Hunter units max
<b>Salt Spray</b> ASTM B 117	Hours: 1,000 Total Scribe: Rating 1/16" (2mm) Field: Rating 10, no blisters	Hours: 3,000 Total Scribe: Rating 10, no creepage Field: Rating 10, no blisters
<b>Humidity</b> ASTM D 2247	Hours: 2,000 Total Rating: 10, no blisters Per ASTM D 714	Hours: 3,000 Total Rating: 10, no blisters Per ASTM D 714
<b>Formability</b> ASTM D 4145	OT-2T	OT-2T
<b>ASTM D 522</b> (Elongation over 1/8" mandrel)	No cracking No loss of adhesion	No cracking No loss of adhesion
<b>Pencil Hardness</b> ASTM D 3363	HB-2H	HB-2H
<b>Abrasion Resistance</b> ASTM D 968	55-75 Liters of falling sand	55-75 Liters of falling sand
<b>Specular Gloss</b> ASTM D 523	30 +/- 5 at 60° 55 +/- 5 at 85°	30 +/- 5 at 60° 55 +/- 5 at 85°
<b>Reverse Impact</b> ASTM D 2794	2 x Metal thickness in inch-lbs. No loss of adhesion. No Cracking.	1/2 x Metal thickness in inch-lbs. No loss of adhesion. No cracking.
<b>Flame Test</b> ASTM E 84	Class A rated coating	Class A rated coating

† Standard Coil Width is 48.25"

‡ Standard Coil Width is 44.375"

● Standard Color Option.

■ 40.5" Coil Option is Available.

▲ Additional Lead Times May Apply.

† Standard Coil Width 40.5"

LG Refers to Reflective Ratings

^ Offered in 27-1/2" coil width

++ Denotes Mica Colors

\*\* Denotes exotic colors and are subject to premium pricing

#### NOTES ON AVAILABILITY:

- 24ga, .032, .040, .050, .063 are standard 48.25" in width. 22ga and 18ga are 44.375" in width. 26ga is 40.5" standard width for painted items.
- Protective stippable film is standard on flat sheets.
- Mica++ and exotics \*\* are subject to premium pricing. Due to the unique effect of the Mica finishes, appearances may vary from batch to batch.
- Standard inventory is non-embossed. Embossed requests are to be quoted.
- Unpainted, acrylic coated, aluminum-zinc alloy steel (AZ55) is maintained in 26ga 20", 26ga 27-1/2", 26ga 24", 24ga 20", 24ga 27-1/2", 24ga 24" slit coils and 26ga 48"x120", 24ga 48"x120" flat sheets (no strippable film).
- All colors are supplied in Medium Gloss (20-35 at 60 deg). Low gloss on non 26ga available subject to minimum coating run.
- This color chart is subject to change without notice.

Sentriclad® standard architectural colors and finishes feature 70% polyvinylidene fluoride (PVDF) resin paint systems to ensure long term color retention and performance. Custom colors and finishes are also available. Minimum quantities and set up charges may apply.

877-495-7663 www.sentriclad.com



PROUDLY FINISHED WITH  
**SHERWIN-WILLIAMS.**  
Coil Coatings

SRI RATINGS ARE FOR GALVALUME ONLY.  
ALUMINUM RATINGS ARE LISTED ON  
WWW.SENTRICLAD.COM



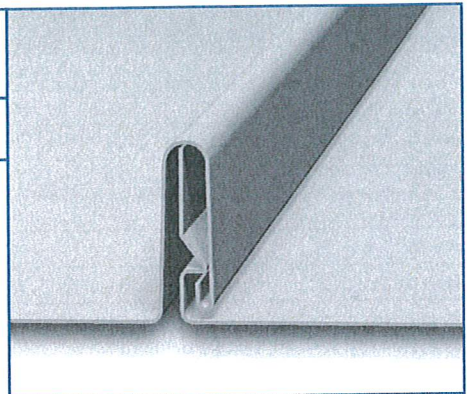
# SL150

# 1 1/2" Snap Lock Panel

## PRODUCT DESCRIPTION

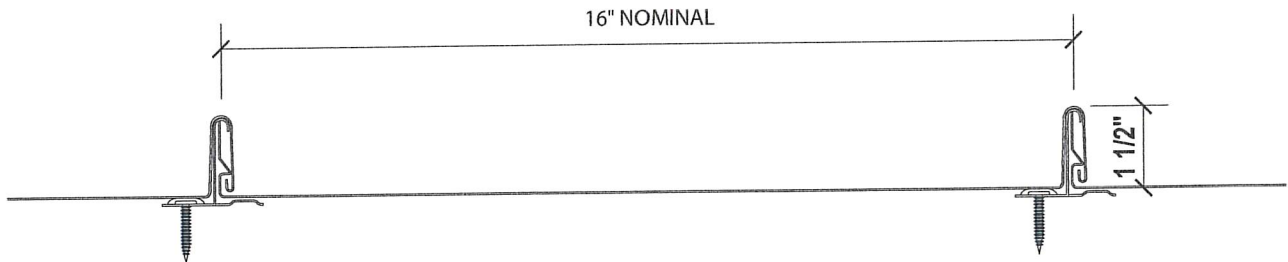
- Architectural Standing Seam Metal Roofing System
- Ideal for residential and commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels

1-1/2" Snap Lock Panel; max width 15.39"; Snap Lock Seam fastened with (2) #10-12 x 1" long No. 2 Phillips drive pancake head, wood screws; One Part Clip Assembly SL150R Clip fastening metal to panel to minimum 15/32" plywood decking; maximum 24" clip spacing; Panel Rollformer: Schlebach Quadro-Plus Rollformer; Maximum Allowable Roof Uplift Pressure (steel): -86.0 psf Main Field @ 24" Clip Spacing; Perimeter Pressure -108.5 at 12" Clip Spacing; Corner Pressure -116.0 psf @ 6" Clip Spacing; Oil Canning is a characteristic of light gauge architectural metals and is not a flaw and therefore is not a cause for rejection.



**SENTRIGARD**  
METAL ROOFING SYSTEMS

[www.sentrigard.com](http://www.sentrigard.com)



## DESIGN INFORMATION

- Minimum Slope = 1-1/2":12"
- Actual Panel Width: 15.39" from 20" Coil
- Solid Substrate Required
- Architectural, Hydrokinetic Panel
- Snap Seam – No Field Seaming Required
- 24 and 26 Gauge Galvalume\*
- .032" Aluminum
- 16oz Copper
- 30 Year Finish Warranty on Kynar 500 Finish
- Weather Tight Warranty Available
- Underlayment Required

**MIAMI-DADE COUNTY**  
**APPROVED**

## TEST REPORT SUMMARY

- Miami Dade Building Code Compliance Approved
- Florida Building Code 2020
- Chapter 15: Roof Assemblies
- Section 1504.3.2; 1505.3; 1507.4
- Chapter 16: Structural Design
- Chapter 22: Steel; Section 2209 Cold Form Steel
- Chapter 23: Wood
- Testing per TAS 125-03 Std. Requirements for Metal Roof Systems
- Test Assembly #6 by Underwriters Laboratory for:
  - a) UL 580-94, per FBC, Uplift Resistance of Roof Assemblies
  - b) UL 1897-98, per FBC, Uplift Tests for Roof Covering Systems
- Testing per TAS 100 Wind Driven Rain Test
- FPA #9860.11 – HVHZ – 24ga
- M-D NOA #19-0722.06 - HVHZ - 24ga







