

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](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>1. EXTERIOR DOORS</b>			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
<b>2. WINDOWS</b>			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
<b>3. PANEL WALL</b>			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
<b>4. ROOFING PRODUCTS</b>			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL	Premier Metal	Metal Roofing TuffRib Panel Version 30343.8	FL30343-R3
C. ROOFING TILES			
D. SINGLE PLY ROOF	Owens Corning Roofing	Titanium PSU30 High Temp Underlayment	FL11602-R17
E. OTHER	Owens Corning Roofing	ABC Proguard 20 Synthetic Underlayment	FL15216-R13
<b>5. STRUCTURAL COMPONENTS</b>			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
<b>6. NEW EXTERIOR ENVELOPE PRODUCTS</b>			

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.

Contractor OR Agent Signature

Date

NOTES: \_\_\_\_\_



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**Product Approval**  
**USER:** Public User

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

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SECRETARY

FL # FL30343-R3  
Application Type Revision  
Code Version 2023  
Application Status Approved

Comments  
Archived

Product Manufacturer Premier Metal  
Address/Phone/Email 17613 South Hwy. 475  
Summerfield, FL 34491  
(352) 356-1609  
ray.bowen@pmroof.com

Authorized Signature Ray Bowen  
ray.bowen@pmroof.com

Technical Representative  
Address/Phone/Email

Quality Assurance Representative  
Address/Phone/Email

Category Roofing  
Subcategory Metal Roofing

Compliance Method Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer  
Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report David Eng  
Florida License PE-81377  
Quality Assurance Entity PRI Construction Materials Technologies, LLC  
Quality Assurance Contract Expiration Date 12/31/2027  
Validated By James R Wally, PE  
Validation Checklist - Hardcopy Received

Certificate of Independence [FL30343\\_R3\\_COI\\_26ga\\_5VCrimp\\_plywood.pdf](#)

Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	UL 580	2006

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	10/23/2023
Date Approved	12/13/2023

**Summary of Products**

FL #	Model, Number or Name	Description
30343.1	01: 26ga 5V Crimp over plywood	26ga (min) 5V Crimp over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-108.5 <b>Other:</b> 108.5psf with 12"-12" pattern at 12"oc		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 26ga 5VCrimp plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 26ga 5VCrimp plywood.pdf</a> Created by Independent Third Party: Yes
30343.2	02: 26ga PermaShield over plywood	26ga (min) PermaShield screw strip over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-116 <b>Other:</b> 116psf fastener every hole WITH sealant, 71psf fastener every other hole		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 26ga PermaShield plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 26ga PermaShield plywood.pdf</a> Created by Independent Third Party: Yes
30343.3	03: 032 Aluminum PermaShield over plywood	Nominally 032 or thicker aluminum PermaShield screw strip over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-153.5 <b>Other:</b> 153.5 with fastener every hole WITH sealant, 86psf with fastener every hole with OUT sealant.		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 032Al PermaShield plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 032Al PermaShield plywood.pdf</a> Created by Independent Third Party: Yes
30343.4	04: 26ga TuffRib over plywood	26ga (min) TuffRib over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-123.5 <b>Other:</b> 123.5psf with 6.5"-2.5"-6.5"-2.5" fastener pattern @ 12" oc, 82.25psf with 9"-9"-9" fastener pattern @ 24" oc		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 26ga TuffRib plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 26ga TuffRib plywood.pdf</a> Created by Independent Third Party: Yes
30343.5	05: 032 Aluminum DuraSeam over plywood	Nominally 0.032" or thicker aluminum DuraSeam over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-108.5 <b>Other:</b> 108.5 psf with clips @ 18" oc		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 032Al DuraSeam plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 032Al DuraSeam plywood.pdf</a> Created by Independent Third Party: Yes
30343.6	06: 26ga DuraSeam over plywood	26ga (min) DuraSeam over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-93.5 <b>Other:</b> 93.5psf with clips @ 12" oc, 63.5psf with clips @ 16" oc		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 26ga DuraSeam plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343 R3 AE 26ga DuraSeam plywood.pdf</a> Created by Independent Third Party: Yes
30343.7	07: 29ga TuffRib over plywood	29ga (min) TuffRib over 15/32" (min) plywood   Fastener in the rib
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-123.5		<b>Installation Instructions</b> <a href="#">FL30343 R3 II 29ga TuffRib Plywood-rib.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b>

<b>Other:</b> 123.5 psf with 9"-9"-9" fastener pattern @ 12" oc, 56psf @ 24" oc		<a href="#">FL30343_R3_AE_29ga_TuffRib_Plywood-rib.pdf</a> Created by Independent Third Party: Yes
30343.8	08: 29ga TuffRib on 1x4 battens over plywood	29ga (min) TuffRib on 1x4 (nom) battens over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-131 <b>Other:</b> 131 psf with 9"-9"-9" fastener pattern @ 12" oc, 78.5psf @ 24" oc		<b>Installation Instructions</b> <a href="#">FL30343_R3_II_29ga_TuffRib_1x4.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343_R3_AE_29ga_TuffRib_1x4.pdf</a> Created by Independent Third Party: Yes
30343.9	09: 29ga TuffRib over plywood	29ga (min) TuffRib over 15/32" (min) plywood
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-93.5 <b>Other:</b> 93.5 psf with 9"-9"-9" fastener pattern @ 12" oc, 56psf @ 24" oc		<b>Installation Instructions</b> <a href="#">FL30343_R3_II_29ga_TuffRib_plywood.pdf</a> Verified By: David Eng, PE 81377 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL30343_R3_AE_29ga_TuffRib_plywood.pdf</a> Created by Independent Third Party: Yes

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Product Approval Accepts:



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securityMETRICS

## FLORIDA PRODUCT APPROVAL

### 29GA TuffRib over 1x4's on Plywood

#### Premier Metal Roof Manufacturing

17613 S. Hwy 475 | Summerfield FL 34491

[www.PMRoof.com](http://www.PMRoof.com) | 352-356-1609

#### Product Description

Exposed fastener, rib style panel. Panel coverage is nominally 36" with nominal rib height of 3/4"

#### Product Material: 29ga (min) steel

29ga is nominally 0.0142" with yield strength of at least 50ksi, and shall be corrosion resistant per FBC 1507.4.3 where required

#### Fastener: #10 x 1.5 inch fastener with sealing washer

Compliant with FBC 1506.6 where required.

#### Substrate/Deck: 1x4 (nom) battens on 15/32" (min) plywood

Battens @ 24" oc or 12" oc and attached to deck with 2-3/8" deck nails @ 4" oc. Battens may be installed over an optional layer of shingles.

#### Maximum Allowable Loads & Installation Requirements:

Method A: #9 x 1.5" fastener in 9"-9"-9"-9" pattern @ 24" oc: 78.5

#### PSF

Method B: : #9 x 1.5" fastener in 9"-9"-9"-9" pattern @ 12" oc::

#### 131 PSF

A factor of safety of 2 has been applied.

#### Evaluated by:

David Eng, PE | Timberlake Cove, LLC

1317 Edgewater Dr, Ste 2339 | Orlando FL 32804

FL PE 81377 | FL CA 33344

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



**TUFFRIB**

Exposed Fastener Ribbed Panel

Digitally signed by  
David E Eng  
Date: 2023.09.17  
14:08:22-04'00'

This item has been digitally signed and sealed by D.E. Eng, PE, on the date indicated. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies



**Underlayment:** Comply with local building code or FBC 1507.1.1.

**Slope:** Comply with local building code or FBC 1507.4.2.

**Technical Documentation:**

This product has been tested to UL 580 by Intertek Testing (TST-1527), report L1278.01-450-44.

**Compliance Statement:**

This product as described has demonstrated compliance with Florida Building Code 2023, 1504.3.2 (**non-HVHZ**) as required by FL Rule 61G20-3, method 1D.

This product as described has been tested and demonstrated compliance with:

- UL580 – Test for Uplift Resistance of Roof Assemblies
- UL 1897 – Uplift test for roof covering systems

**Certification of Independence:**

David Eng, PE and Timberlake Cove, LLC do not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation. The same entities do not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

**Exclusions and Limitations:**

Design of deck and roof structure (to include attachment of plywood or wood plank) shall be completed by others. Fire classification and shear diaphragm design are outside the scope of this evaluation.

This report is limited to compliance with structural wind load requirements of FBC 1504.3.2, as required by Rule 61G20-3. Neither Timberlake Cove nor the manufacturer shall be responsible for any conclusions, interpretations, or designs made by others based on this evaluation report. This report is limited solely to documenting compliance with Rule 61G20-3, and makes no express or implied warranty regarding performance of this product.

**Design Process:**

The load tables in this report provides *one* prescriptive option for the fastening requirement for the applicable wind loads for roofs within the parameters described. For roofs outside of the listed parameters, design wind loads shall be determined as required by FBC 1609, ASCE 7, or other design code in force, using allowable stress. These load tables are based on ASCE 7-22. Use of these tables assumes that the structure is:

- Enclosed and conforms to wind-borne debris provisions and is a regular shaped building
- Is not subject to across-wind loading, vortex shedding, or instability; nor does it have a site location for which channeling or buffeting warrant consideration

Engineering analysis may be completed by other licensed engineers for project specific approval by local authorities having jurisdiction.

### Use of Load Tables:

These load tables are provided as a courtesy to provide one possible prescriptive option for a generic, typical structure without calculating the design pressures.

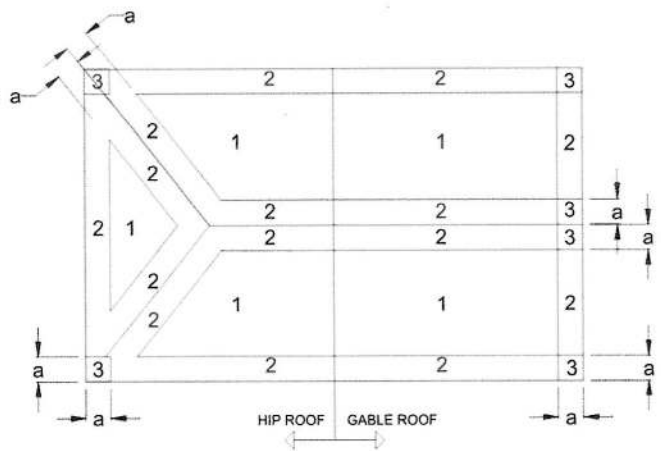
For structures outside the parameters of these load tables (e.g. height above 30 feet), calculate the required allowable design pressure and compare to the maximum allowable loads shown on page 2. These load tables shall not be construed to in any way limit the installation of this product to the cases shown. When applicable, the tables in FRC R301.2(2) and R301.2(3) may be used to determine the design uplift pressure. The FRC tables are copied below as a courtesy.

### Instructions:

Select the appropriate load table that applies to the structure in question.

Determine the design wind speed for the project location.

Use the attachment method indicated for that windspeed within each roof zone.

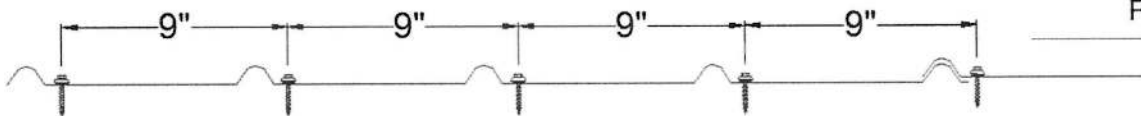


a: 10% OF LEAST HORIZONTAL DIMENSION OR 0.4h, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3FT (0.9M), OR AS DETERMINED BY DESIGN OR OTHER APPLICABLE CODE.

**ROOF ZONES FOR GENERIC BUILDING**

**METHOD A: 24" O.C.      METHOD B: 12" O.C.**

NR: CONSULT DESIGN PROFESSIONAL



FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**



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USER: Public User

Underlayment

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FL #

FL11602-R17

Application Type

Revision

Code Version

2023

Application Status

Approved

Comments

Archived

Product Manufacturer

Owens Corning Roofing and Asphalt, LLC

Address/Phone/Email

One Owens Corning Parkway  
Toledo, OH 43645  
(740) 321-6345  
Greg.Keeler@owenscorning.com

Authorized Signature

Keeler Greg  
Greg.Keeler@owenscorning.com

Technical Representative

Greg Keeler

Address/Phone/Email

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Granville, OH 43023  
(740) 321-6345  
greg.keeler@owenscorning.com

Quality Assurance Representative

Address/Phone/Email

Category

Roofing

Subcategory

Underlayments

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Robert Nieminen

Florida License

PE-59166

Quality Assurance Entity

Intertek Testing Services NA, Inc. - QA Entity

Quality Assurance Contract Expiration Date

12/31/2026

Validated By

John W. Knezevich, PE

Validation Checklist - Hardcopy Received

Certificate of Independence

[FL11602 R17 COI 2023 07 COI NIEMINEN.pdf](#)

Referenced Standard and Year (of Standard)

**Standard**

**Year**

ASTM D1970

2017

ASTM D4798

2011

ASTM D8257

2020

FRSA/TRI Manual

2023

TAS 103

2020

UL 1897

2015

Equivalence of Product Standards  
Certified By

## Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/23/2023

Date Validated

10/23/2023

Date Pending FBC Approval

10/30/2023

Date Approved

12/12/2023

## Summary of Products

FL #	Model, Number or Name	Description
11602.1	Titanium Roof Underlayments (NON-HVHZ)	Synthetic sheet-type roof underlayments for use in FBC non-HVHZ jurisdictions.
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> +N/A/-142.5 <b>Other:</b> Refer to PEER Section 5 for Limits of Use.		<b>Installation Instructions</b> <a href="#">FL11602 R17 II 2023 10 23 FINAL PEER-OC-001.A NON-HVHZ FL11602-R17.pdf</a> Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11602 R17 AE 2023 10 23 FINAL PEER-OC-001.A NON-HVHZ FL11602-R17.pdf</a> Created by Independent Third Party: Yes

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## Product Approval Accepts:



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# TITANIUM® PSU30

## Premium High-Temp Self-Adhered Underlayment

### PSU30 INSTALLATION INSTRUCTIONS

Titanium® PSU30 is a high-temp underlayment designed as a secondary water barrier for use on steep slope roofs (2:12 or greater) under asphalt shingles, composite shingles, metal, concrete and clay tile, slate, and wood shakes. Titanium® PSU30 may also be used on slopes down to ½:12 under standing seam metal roof panels, and lapped, nonsoldered-seam metal roofs with applied lap sealant.

#### CAUTION

Read and understand all instructions and precautions before applying Titanium® PSU30 underlayment. Check local building codes prior to application of this product. Follow the recommendations of the roof covering manufacturer, Asphalt Roofing Manufacturer's Association (for asphalt shingles), Tile Roof Institute (for clay or concrete roof tiles), and the Metal Roofing Alliance (for metal roof panels).

#### DECK PREPARATION

The deck must be clean, smooth and dry before applying Titanium® PSU30 underlayment. Remove all old roofing down to the deck or, in new construction, apply over the new deck. Sweep the deck surface to remove dirt and debris. Replace any damaged or rotted deck boards.

#### 1 ALLOWABLE SUBSTRATES

PSU30 self-adhered underlayment can be installed over Plywood, OSB, FRT Plywood, Polyisocyanurate foam insulation board, metal (galvalume steel), 30lb felt, PSU30, pre-wrapped sheathing, DensDeck® and USG Securock®.

Primer is not required on clean, dry deck surfaces, except for gypsum boards (DensDeck® and USG Securock® roof boards) for which appropriate primer or adhesive is recommended at temperatures ≤ 40F.

#### 2 DECK EDGE PREPARATION

Along eaves, install metal drip edge under the Titanium® PSU30 underlayment unless otherwise directed by local building codes. Along rakes, apply Titanium® PSU30 underlayment first, and put drip edge on top.

#### TILE ROOF

##### INSTALLATION

Please see the table for tile loading limitations. Loading of tile outside the parameters of this table requires installation of loading battens prior to tile loading.

##### TILE LOADING TABLE

Tiles in Stack	Stacking Pattern	Tile Type	Maximum Roof Pitch
10	10 Linear	Flat	5:12
10	10 Linear	Profiled	6:12

Note: When installing Titanium® PSU30 underlayment over the entire roof deck, proper ventilation is required. Consult a design professional and local building codes for ventilation requirements.

#### METAL ROOF INSTALLATION

##### Slopes 2:12 and greater

Follow standard installation instructions below.

##### Slopes ½:12 - less than 2:12

For standing seam metal roof panels follow standard installation instructions below with the following modifications: End Laps must be min. 6 feet apart in adjacent courses. All end laps must be minimum 6 inches wide. Apply min. 6 inch wide bed of ASTM D4586 compliant roof cement at end of underlying piece and set overlying piece into roof cement, applying firm pressure on entire end lap.

##### STANDARD INSTALLATION

1. Ensure that decking substrate is acceptable to roof covering manufacturer.
2. Unroll Titanium® PSU30 underlayment and cut into manageable lengths no more than 15 - 20 feet.
3. Allow it to relax for 3-5 minutes before installing.
4. Reroll each section.
5. Start at the eaves, laying the Titanium® PSU30 parallel to the eaves edge, with the lower edge of the Titanium® PSU30 flush with the outside of the primed drip edge. The lower edge of the underlayment is the edge that does not have a selvage edge.
6. After installation of each piece, remove the release lining from the selvage and, if necessary, secure with nails installed in the selvage spaced 6 inches on center. This fastening is required when Titanium® PSU30 is installed on slopes of 3:12 or greater. Consult local building codes for fastener requirements.
7. The entire roof surface should be rolled after installation of the Titanium® PSU30 using a minimum 40 lb. roller. Hand rolling over the selvage and directly above the selvage using a minimum 4 inches wide, minimum 10 lb. roller is recommended.
8. Overlap at least 6 inches where the ends of two rolls meet. Apply heavy hand pressure or use a roller along the seam overlapping the next roll.
9. End laps should be offset a minimum of 6 feet on adjacent courses.
10. Along a valley, Titanium® PSU30 underlayment can be cut lengthwise for easier handling. For maximum protection, the roll width should remain intact and extend 18 inches on either side of the valley. Remove the release backer and press Titanium® PSU30 underlayment into place, working from the center of the valley or ridge outward in each direction. Always apply valleys starting at the low point and work upward. If an overlap is needed, be sure to overlap the previous piece by minimum 4 inches. Titanium® PSU30 underlayment should be applied in valleys before installing eave applications with membranes.

For further detail on various installation methods, please call 1-800-ROOFING (1-800-766-3464).

**Titanium® PSU30 Self-Adhered Underlayment**

Charleston, SC • Mission, BC • Montréal, QC

E-mail: [answers@owenscorning.com](mailto:answers@owenscorning.com)

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

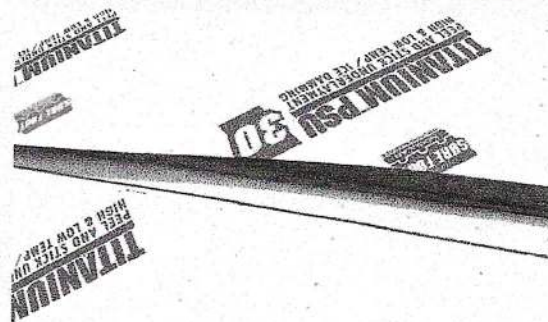
Toll Free: 800 567 9727

# TITANIUM® PSU30

## Premium High-Temp Self-Adhered Underlayment

### PRECAUTIONS

1. Cover Titanium® PSU30 underlayment with finish roof covering. Do not allow Titanium® PSU30 underlayment to remain uncovered. Exposure to sun and weather for more than 180 days may adversely affect this product's performance.
2. Titanium® PSU30 underlayment should be installed by a professional roofing contractor.
3. Titanium® PSU30 underlayment is a moisture and vapor barrier. The spaces under the covered deck area and the attic space must be ventilated in accordance with local building codes.
4. Titanium® PSU30 underlayment is intended for exterior roof application only and is not intended for use on vertical surfaces.
5. Apply PSU30 directly to the roof deck. Allowable roof deck materials are shown in Section 1 of these instructions. Do not apply Titanium® PSU30 over another layer of underlayment unless required by local codes.
6. Roof coverings should not be installed over wrinkled or buckled Titanium® PSU30 underlayment.
7. Use extreme caution when installing Titanium® PSU30 underlayment. The Titanium® PSU30 underlayment surface may be slippery even when dry. Use of fall protection is highly recommended. Consult OSHA for guidelines on fall protection (29 CFR 1926.500).
8. For best results, apply Titanium® PSU30 underlayment when the air temperature is over 40°F (5°C) and rising, but below 100°F (38°C). When temperatures are under 40°F (5°C), Titanium® PSU30 underlayment will not fully adhere. Store at room temperature prior to installing product in cold weather. If applied in temperatures above 100°F (38°C), or exposed to direct sunlight, the release backing may become difficult to remove. If this situation should occur, move the product into a shaded area until the Titanium® PSU30 underlayment is cool. Once cooled, the release backing can be easily removed.
9. Store Titanium® PSU30 underlayment in a dry, well-ventilated area. Stand Titanium® PSU30 underlayment upright. Do not store at 90°F (32°C) or warmer for extended periods of time. Do not store in direct sunlight.
10. When applying Titanium® PSU30 underlayment, always follow local building codes and the roof covering manufacturer's instructions for installation of this product.
11. When working on the roof, use all necessary safety precautions and guidelines in accordance with proper roofing trade practices.



**Titanium® PSU30 Self-Adhered Underlayment**

Charleston, SC • Mission, BC • Montréal, QC

E-mail: [answers@owenscorning.com](mailto:answers@owenscorning.com)

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Toll Free: 800 567 9727

Synthetic Underlayment : ABC Pro guard 20

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**

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FL #	FL15216-R13				
Application Type	Revision				
Code Version	2023				
Application Status	Approved				
Comments					
Archived	<input type="checkbox"/>				
Product Manufacturer	Owens Corning Roofing and Asphalt, LLC				
Address/Phone/Email	One Owens Corning Parkway Toledo, OH 43645 (740) 321-6345 Greg.Keeler@owenscorning.com				
Authorized Signature	Keeler Greg Greg.Keeler@owenscorning.com				
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Address/Phone/Email	2790 Columbus Road Granville, OH 43023 (740) 321-6345 greg.keeler@owenscorning.com				
Quality Assurance Representative					
Address/Phone/Email					
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	Robert Nieminen				
Florida License	PE-59166				
Quality Assurance Entity	Intertek Testing Services NA, Inc. - QA Entity				
Quality Assurance Contract Expiration Date	12/31/2026				
Validated By	John W. Knezevich, PE ✓ Validation Checklist - Hardcopy Received				
Certificate of Independence	<a href="#">FL15216_R13_COI_2023_07_COI_NIEMINEN.pdf</a>				
Referenced Standard and Year (of Standard)	<table><thead><tr><th><u>Standard</u></th><th><u>Year</u></th></tr></thead><tbody><tr><td>ASTM D8257</td><td>2020</td></tr></tbody></table>	<u>Standard</u>	<u>Year</u>	ASTM D8257	2020
<u>Standard</u>	<u>Year</u>				
ASTM D8257	2020				

Equivalence of Product Standards  
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/23/2023

Date Validated

10/23/2023

Date Pending FBC Approval

10/30/2023

Date Approved

12/12/2023

#### Summary of Products

FL #	Model, Number or Name	Description
15216.1	RhinoRoof U10, RhinoRoof U20, ABC Pro Guard 20 and SRS TopShield TS20 Roof Underlayments	Synthetic roof underlayments
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> N/A <b>Design Pressure:</b> N/A <b>Other:</b> Refer to PEER Section 5 for Limits of Use.		<b>Installation Instructions</b> <a href="#">FL15216 R13 II 2023 10 23 FINAL PEER-OC-003.A FL15216-R13.pdf</a> Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL15216 R13 AE 2023 10 23 FINAL PEER-OC-003.A FL15216-R13.pdf</a> Created by Independent Third Party: Yes

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