

**SECTION 1525
HIGH-VELOCITY HURRICANE ZONES—UNIFORM PERMIT APPLICATION**

Florida Building Code 8th Edition (2023)
High-Velocity Hurricane Zone Uniform Permit Application Form

INSTRUCTION PAGE

COMPLETE THE NECESSARY SECTIONS OF THE UNIFORM ROOFING PERMIT APPLICATION FORM AND ATTACH THE REQUIRED DOCUMENTS AS NOTED BELOW:

Roof System	Required Sections of the Permit Application Form	Attachments Required See List Below
Low Slope Application	A,B,C	1,2,3,4,5,6,7
Prescriptive BUR-RAS 150	A,B,C	4,5,6,7
Asphalt Shingles	A,B,D	1,2,4,5,6,7
Concrete or Clay Tile	A,B,D,E	1,2,3,4,5,6,7
Metal Roofs	A,B,D	1,2,3,4,5,6,7
Wood Shingles and Shakes	A,B,D	1,2,4,5,6,7
Other	As Applicable	1,2,3,4,5,6,7

ATTACHMENTS REQUIRED:

1.	Fire Directory Listing Page
2.	From Product Approval: Front Page Specific System Description Specific System Limitations General Limitations Applicable Detail Drawings
3.	Design Calculations per Chapter 16, or if applicable, RAS 127 or RAS 128
4.	Other Component of Product Approval
5.	Municipal Permit Application
6.	Owners Notification for Roofing Considerations (Reroofing Only)
7.	Any Required Roof Testing/Calculation Documentation

Florida Building Code 8th Edition (2023)
High-Velocity Hurricane Zone Uniform Permit Application Form

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name _____

Job Address _____

ROOF CATEGORY

- | | | |
|---|---|--|
| ☐ Low Slope | ☐ Mechanically Fastened Tile | ☐ Mortar/Adhesive Set Tiles |
| ☐ Asphalt Shingles | ☐ Metal Panel/Shingles | ☐ Wood Shingles/Shakes |
| | ☐ Prescriptive BUR-RAS 150 | |

ROOF TYPE

- | | | | | |
|-----------------------------------|---------------------------------|--------------------------------------|------------------------------------|-------------------------------------|
| ☐ New roof | ☐ Repair | ☐ Maintenance | ☐ Reroofing | ☐ Recovering |
|-----------------------------------|---------------------------------|--------------------------------------|------------------------------------|-------------------------------------|

ROOF SYSTEM INFORMATION

Low Slope Roof Area (SF) _____ Steep Sloped Roof Area (SF) _____ Total (SF) _____

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.

A large empty grid for sketching the roof plan. The grid is composed of 20 columns and 20 rows of squares, providing a space for the applicant to draw the roof layout, including levels, sections, drains, and other features as required by the instructions.

Florida Building Code 8th Edition (2023)
High-Velocity Hurricane Zone Uniform Permit Application Form

Section C (Low Slope Application)

Fill in specific roof assembly components and identify manufacturer

(If a component is not used, identify as "NA")

System Manufacturer: _____

Product Approval No.: _____

Design Wind Pressures, From RAS 128 or Calculations:

Zone 1': _____ Zone 1: _____ Zone 2: _____ Zone 3: _____

Max. Design Pressure, from the specific product approval system: _____

Deck:

Type: _____

Gauge/Thickness: _____

Slope: _____

Anchor/Base Sheet & No. of Ply(s): _____

Anchor/Base Sheet Fastener/Bonding Material: _____

Insulation Base Layer: _____

Base Insulation Size and Thickness: _____

Base Insulation Fastener/Bonding Material: _____

Top Insulation Layer: _____

Top Insulation Size and Thickness: _____

Top Insulation Fastener/Bonding Material: _____

Base Sheet(s) & No. of Ply(s): _____

Base Sheet Fastener/Bonding Material: _____

Ply Sheet(s) & No. of Ply(s): _____

Ply Sheet Fastener/Bonding Material: _____

Top Ply: _____

Top Ply Fastener/Bonding Material: _____

Surfacing: _____

Fastener Spacing for Anchor/Base Sheet Attachment:

Zone 1': _____" oc @ Lap, # Rows _____ @ _____" oc

Zone 1: _____" oc @ Lap, # Rows _____ @ _____" oc

Zone 2: _____" oc @ Lap, # Rows _____ @ _____" oc

Zone 3: _____" oc @ Lap, # Rows _____ @ _____" oc

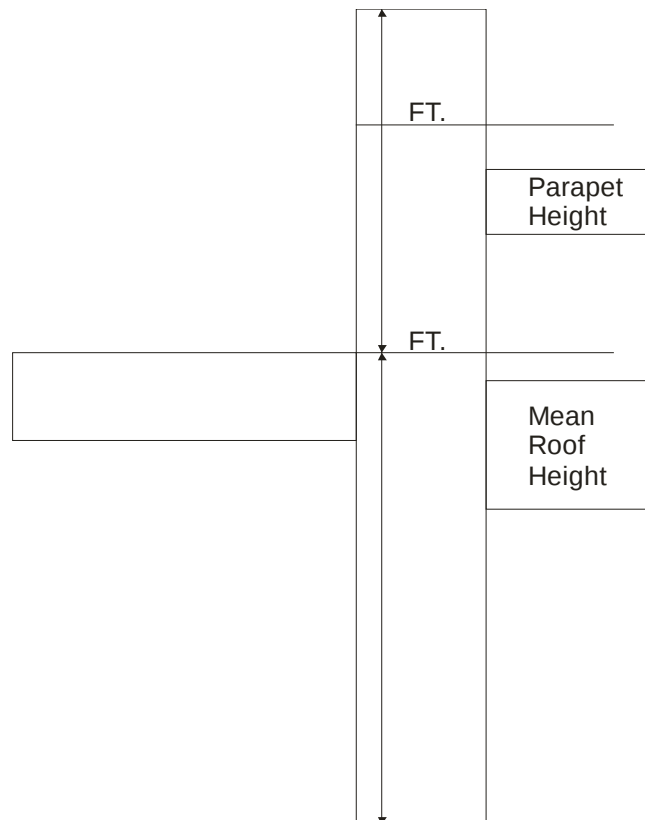
Number of Fasteners Per Insulation Board:

Zone 1': _____ Zone 1: _____ Zone 2: _____ Zone 3: _____

Illustrate Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counterflashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufacturers Details that Comply with RAS 111 and Chapter 16.



Florida Building Code 8th Edition (2023)
High-Velocity Hurricane Zone Uniform Permit Application Form

Section D (Steep Sloped Roof System)

Roof System Manufacturer: _____

Notice of Acceptance Number: _____

Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):
Zone 1: _____ Zone 2: _____ Zone 3: _____

Roof Slope:
_____: 12

Ridge Ventilation?

Mean Roof Height: _____

Deck Type: _____

Type Underlayment: _____

Insulation: _____

Fire Barrier: _____

Fastener Type & Spacing: _____

Adhesive Type: _____

Type Cap Sheet: _____

Roof Covering: _____

Type & Size Drip Edge: _____

For Moment-based tile systems, choose either Method 1 or 2. Compare the values for M_i with the values from M_r . If the M_i values are greater than or equal to the M_r values, for each area of the roof then the tile attachment method is acceptable.

(Zone 1: _____ $\times \lambda$ _____ = _____) – Mg: _____ = M_{r1} _____ Product Approval M_f _____

(Zone 2: _____ $\times \lambda$ _____ = _____) – Mg: _____ = M_{r2} _____ Product Approval M_f _____

(Zone 3: _____ $\times \lambda$ _____ = _____) – Mg: _____ = M_{r3} _____ Product Approval M_f _____

Required Moment of Resistance (M_r) From Table Below	Product Approval M_r
--	------------------------

Method 2 may be utilized within Broward County Exposure C only.

For Uplift-based tile systems use Method 3. Compare the values for F' with the values for F_r . If the F' values are greater than or equal to the F_r values for each area of the roof then the tile attachment method is acceptable.

$$\begin{aligned} \text{(Zone 1: } ______ \times L ______ = ______ \times w: = ______) - W: ______ \times \cos r ______ &= F_{r1} ______ && \text{Product Approval } F' ______ \\ \text{(Zone 2: } ______ \times L ______ = ______ \times w: = ______) - W: ______ \times \cos r ______ &= F_{r2} ______ && \text{Product Approval } F' ______ \\ \text{(Zone 3: } ______ \times L ______ = ______ \times w: = ______) - W: ______ \times \cos r ______ &= F_{r3} ______ && \text{Product Approval } F' ______ \end{aligned}$$

FLORIDA BUILDING CODE — BUILDING, 8th EDITION (2023)



100 W. Atlantic Blvd Pompano Beach, FL 33060
Phone: 954.786.4669 Fax: 954.786.4677

City of Pompano Beach
Department of Development Services
Building Inspections Division

High Velocity Hurricane Zones Uniform Permit Application
Florida Building Code 7th Edition 2023

Section 1524
HIGH VELOCITY HURRICANE ZONES
REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

1524.1 Scope.

As it pertains to this section, it is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this section. The provisions of Chapter 15 of the *Florida Building Code, Building* govern the minimum requirements and standards of the industry for roofing system installations. Additionally, the following items should be addressed as part of the agreement between the owner and the contractor. The owner's initials in the designated space indicates that the item has been explained.

Owner
Initial

1. **Aesthetics-workmanship.** Reserved.

Owner
Initial

2. **Renailing wood decks.** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High-Velocity Hurricane Zones) of the *Florida Building Code, Building*. (The roof deck is usually concealed prior to removing the existing roof system.)

Owner
Initial

3. **Common roofs.** Reserved.

Owner
Initial

4. **Exposed ceilings.** Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

Owner
Initial

5. **Ponding water.** Reserved.

Owner
Initial

6. **Overflow scuppers (wall outlets).** It is required that rainwater flow off so that the roof is not overloaded from a buildup of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapters 15 and 16 herein and the *Florida Building Code, Plumbing*.

Owner's / Agent's Signature

Date

Contractor's Signature

Date