



Environmental Protection and Growth Management Department

PERMITTING, LICENSING AND CONSUMER PROTECTION DIVISION

1 N. University Drive, Box 302 • Plantation, Florida 33324 • 954-765-4400 • www.broward.org/permittingandlicensing

**APPLICATION INFORMATION FOR COMMERCIAL ROOFING
AND COMMERCIAL ROOFING PACKET**

As of March 1, 2009, the Building Code for Broward County has been changed to the 2007 Florida Building Code High Velocity Hurricane Zone Requirements.

Following is a brief summary of the changes for **Commercial Roofing**:

- Roofing requirements will be from **Chapter 15 of the 2007 Florida Building Code** and the supplemental **“Test Protocols for High Velocity Hurricane Zones.”**
- **“The High Velocity Hurricane Zone Uniform Permit Application”** form is required for every roof permit issued. (See Attached)
- All roofing work done shall be in accordance with the **Dade County and State of Florida Notices of Acceptance and Roof Application Standards (R.A.S.)**.
- Other components such as roof vents must have **Notices of Acceptance** at time of permit.
- Gutters are required to be added to all roofs having a six (6) inch or less overhang eave.
- All Re-roofs require an **“Owner Notification for Roofing Considerations”** form filled at time of permit. (See Attached)
- Tile roofing permits require uplift calculations using method 1, 2, or 3 of Section E in the **Uniform Permit Application**.
- All nails used for roofing are to be ringshank and meet **ASTM G85 standards** for corrosion resistance.
- Adhesive set and mortar set tile roofs require uplift test to be performed before final approval.
- Re-nail affidavits or specific re-nail of sheathing inspections are not required in the new code.
- Hot mop inspections are required in progress for all deck types.
- Shingle roofs cannot be applied to roofs over 33 feet in mean height unless allowed by N.O.A.
- The only prescriptive roof system allowed shall be in accordance with **R.A.S. 150 “Built-up Roof Standard.”** (See Attached)
- **You will need to purchase a copy of the 2007 Residential Florida Building Code and “Test Protocols for High Velocity Hurricane Zones” to understand all requirements.**

(Rev. 3/09) PC200938935

Broward County Board of County Commissioners

Josephus Eggelletion, Jr. • Sue Gunzburger • Kristin D. Jacobs • Ken Keechi • Ilene Lieberman • Stacy Ritter • John E. Rodstrom, Jr. • Diana Wasserman-Rubin • Lois Wexler
www.broward.org/building



Environmental Protection and Growth Management Department

PERMITTING, LICENSING AND CONSUMER PROTECTION DIVISION

1 N. University Drive, Box #302 • Plantation, Florida 33324 • 954-765-4400 • www.broward.org/permittingandlicensing

**Section 1525
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 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 initial in the designated space indicates that the item has been explained.

I. Aesthetics-Workmanship: The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance that are not part of a zoning code should be addressed as part of the agreement between the own and the contractor.

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). (The roof deck is usually concealed prior to removing the existing roof system.)

3. Common Roofs: Common roofs are those which have no visible delineation between neighboring units (i.e., townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

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. This provides the option of maintaining this appearance.

5. Ponding Water: The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate in low-lying areas of the roof). Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

6. Overflow Scuppers (wall outlets): It is required that rainwater flows 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 Chapter 15 and 16 herein and the *Florida Building Code, Plumbing*.

7. Ventilation: Most roof structures should have some ability to vent natural air flow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced. It may be beneficial to consider additional venting which can result in extending the service life of the roof.

Owner's/Agent's Signature

Date

Contractor's Signature

(Rev., 3/09) PC200938935

Broward County Board of County Commissioners

Josephus Eggelletion, Jr. • Sue Gunzburger • Kristin D. Jacobs • Ken Keechi • Ilene Lieberman • Stacy Ritter • John E. Rodstrom, Jr. • Diana Wasserman-Rubin • Lois Wexler
www.broward.org/building

INSTRUCTION PAGE

**COMPLETE THE NECESSARY SECTIONS
OF THE UNIFORM ROOFING PERMIT
APPLICATION FORM AND ATTACH THE RE-
QUIRED 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
Asphaltic 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 Notice of Acceptance: 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 Notice of Acceptances
5. Municipal Permit Application
6. Owners Notification for Roofing Considerations (Re-Roofing Only)
7. Any Required Roof Testing/Calculation Documentation

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name _____

Job Address _____

ROOF CATEGORY

- | | | |
|---|---|---|
| <input type="checkbox"/> Low Slope | <input type="checkbox"/> Mechanically Fastened Tile | <input type="checkbox"/> Mortar/Adhesive Set Tile |
| <input type="checkbox"/> Asphaltic Shingles | <input type="checkbox"/> Metal Panel/Shingles | <input type="checkbox"/> Wood Shingles/Shakes |
| | <input type="checkbox"/> Prescriptive BUR-RAS 150 | |

ROOF TYPE

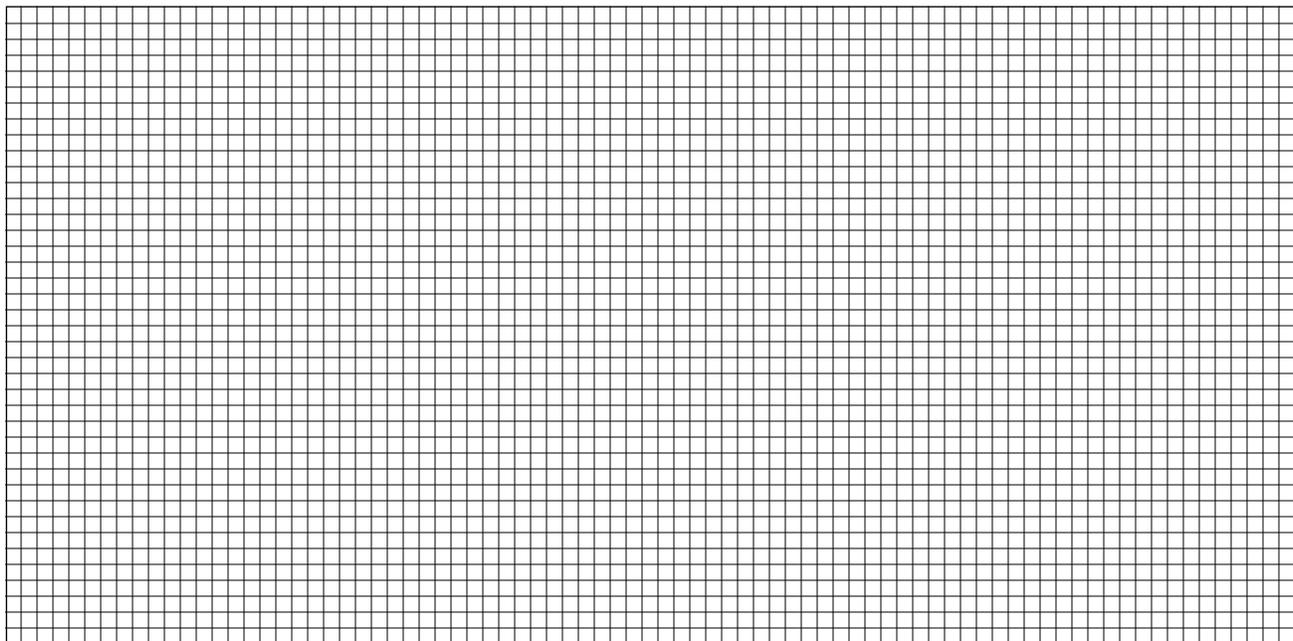
- | | | | | |
|-----------------------------------|-------------------------------------|-------------------------------------|---------------------------------|--------------------------------------|
| <input type="checkbox"/> New Roof | <input type="checkbox"/> Re-Roofing | <input type="checkbox"/> Recovering | <input type="checkbox"/> Repair | <input type="checkbox"/> Maintenance |
|-----------------------------------|-------------------------------------|-------------------------------------|---------------------------------|--------------------------------------|

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.**



Section C (Low Sloped Roof System)

Fill in Specific Roof Assembly Components and Identify Manufacturer

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

System Manufacturer: _____

NOA No.: _____

Design Wind Pressures, From RAS 128 or Calculations:

Pmax1: _____ Pmax2: _____ Pmax3: _____

Max. Design Pressure, From the Specific NOA 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

Field: ____ " oc @ Lap, # Rows ____ @ ____ " oc

Perimeter: ____ " oc @ Lap, # Rows ____ @ ____ " oc

Corner: ____ " oc @ Lap, # Rows ____ @ ____ " oc

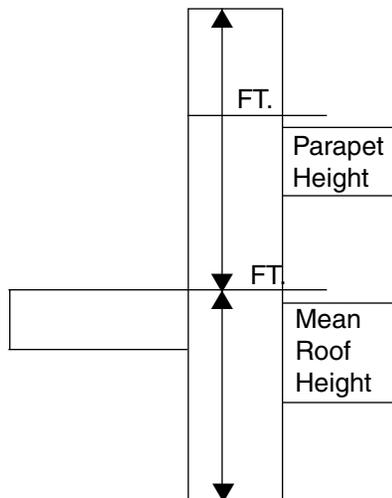
Number of Fasteners Per Insulation Board

Field _____ Perimeter _____ Corner _____

Illustrate Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counter- Flashing, 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.



Section D (Steep Sloped Roof System)

Roof System Manufacturer: _____

Notice of Acceptance Number: _____

Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):
Pmax1: _____ Pmax2: _____ Pmax3: _____

Maximum Design Pressure
(From the NOA Specific System): _____

Method of Tile Attachment: _____

Sloped System Description

Deck Type: _____

Type Underlayment: _____

Insulation: _____

Fire Barrier: _____

Fastener Type & Spacing: _____

Adhesive Type: _____

Type Cap Sheet: _____

Roofing Covering: _____

Type & Size Drip
Edge: _____



Roof Slope:
_____ : 12

Ridge Ventilation?

Mean Roof Height: _____

