



# **PUBLIC SERVICE ANNOUNCEMENT**

## **CHANGES TO HIGH WIND MITIGATION RULE 9B-3.0475**

July 28, 2009

### **To All Interested Individuals:**

The revised Florida Administrative Rule 9B-3.0475 dealing with High Wind Mitigation is being repealed by the Florida Building Commission. This action by the Commission is a direct result of the addition of the 2009 Supplement to the 2007 Florida Existing Building Code. Since this rule is being repealed, the specifications of this rule pertaining to the secondary water barrier will be no longer be enforced by our jurisdictions. We will, however, continue to enforce the requirements of the Existing Building Code and the 2009 Supplement. The following constitutes the joint interpretation of the major issues identified by our offices and enforcement actions that we will phase in over the next few weeks.

1. Supplement language has been added to Section 202 to clarify that the reroof requirements apply only to detached, site built single family residential structures.
2. Section 611.7.2 has been added to the Existing Building Code and states, "A secondary water barrier shall be installed using one of the following methods when a roof covering is removed and replaced."

### **In either HVHZ or Non-HVHZ regions,**

*(High Velocity Hurricane Zones)*

- (1) All joints in structural panel roof sheathing or decking shall be covered with a minimum 4 in. wide strip of self-adhering polymer modified bitumen tape applied directly to the sheathing or decking. The deck and self adhering polymer modified bitumen tape shall be covered with one of the underlayment systems approved for the particular roof covering to be applied to the roof.
- (2) The entire roof deck shall be covered with an approved asphalt impregnated 30# felt underlayment or approved synthetic underlayment installed with nails and tintabs in accordance with Sections R4402.7.2, R4402.7.3, or R4402.7.4 of the Florida Building Code, Residential. (No additional underlayment shall be required over the top of this sheet). The synthetic underlayment shall be fastened in accordance with the manufacturer's recommendations.

(over)

**Outside the High Velocity Hurricane Zone:**

The entire roof deck shall be covered with an approved self-adhering polymer modified bitumen sheet meeting ASTM D 1970 or an approved self-adhering synthetic underlayment installed in accordance with the manufacturer's installation instructions. No additional underlayment shall be required on top of this sheet for new installations.

An underlayment system approved for the particular roof covering shall be applied with the following modification:

(1) For roof slopes that require one layer of underlayment, a layer of approved asphalt impregnated ASTM D 226 Type I or Type II underlayment or approved synthetic underlayment shall be installed. The felt is to be fastened with 1" round plastic cap or metal cap nails, attached to a nailable deck in a grid pattern of 12 inches (305 mm) staggered between the overlaps, with 6-inch (152 mm) spacing at the overlaps. The synthetic underlayment shall be fastened in accordance with the manufacturer's recommendations.

(2) For roof slopes that require two layers of underlayment, an approved asphalt impregnated ASTM D 226 Type I or Type II underlayment shall be installed in a shingle-fashion and lapped 19" and fastened as described above. An approved synthetic underlayment shall be installed in accordance with the manufacturer's installation instruction. (No additional underlayment shall be required over the top of this sheet). **Please be aware that underlayment bearing the ASTM D4869 designation is not approved by the existing building code.**

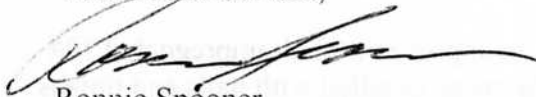
**Exceptions:**

Roof slopes < 2:12 having a continuous roof system shall be deemed to comply with section 611.7.2 requirements for a secondary water barrier.

Clay and Concrete tile roof systems installed as required by the Florida Building Code are deemed to comply with the requirements of section 611.7.2 for Secondary Water Barriers.

Please do not hesitate to contact our offices (City of Tallahassee at 891-7050 or Leon County at 606-1300) should you have any questions regarding this issue. We remain:

Your Public Servant,



Ronnie Spooner  
Building Official  
City of Tallahassee

Your Public Servant,



Edward Barriel, Jr.  
Director of Building Inspection  
Leon County

EJ/ej