



Original  
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FILING AND ACKNOWLEDGEMENT  
FILED, on this date, with the designated  
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acknowledged.

*Paula P. Ford* 11/19/10  
Paula P. Ford Date  
Commission Clerk

PETITION for DECLARATORY STATEMENT

Before the Florida Building Commission

Petitioner:

Timothy Graboski, Tim Graboski Roofing Inc.  
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2009 supplement to the 2007 Florida Building Code, Chapter 15, section 1507.2.7.1

In reviewing the test standards and code language for asphalt shingles under section 1507.2.7.1, I would request a declaratory statement on the following concerns:

Request for Clarification on the code standards and testing standards for wind zones 120, 130, 140 and 150 as identified on Figure 1609.

Section 1507.2.7.1 revise to read as shown:

1507.2.7.1 Wind Resistance of Asphalt Shingles. Asphalt Shingles shall be classified in accordance with ASTM D3161, TAS 107 or ASTM D7158 to resist the basic wind speed per Figure 1609. Shingles classified as ASTM D 3161 Class D or ASTM D 7158 Class G are acceptable for use in the 100-mph wind zone. Shingles classified as ASTM D3161 Class F, TAS107 or ASTM D 7158 Class H are acceptable for use in all wind zones. Asphalt shingle wrappers shall indicate compliance with one of the required classifications as shown in Table 1507.2.7.1.

Table 1507.2.7.1(1) revise table to read as shown:

Table 1507.2.7.1  
Wind Resistance of Asphalt Shingles

Maximum Basic Wind Speed MPH (per Figure 1609)	Classification



100	ASTM D3161 Class D or ASTM D 7158 Class G or TAS 107
110	ASTM D3161 Class F or ASTM D 7158 Class G or TAS 107
120	ASTM D3161 Class F or ASTM D 7158 Class G or TAS 107
130	ASTM D3161 Class F or ASTM D 7158 Class H or TAS 107
140	ASTM D3161 Class F or ASTM D 7158 Class H or TAS 107
150	ASTM D3161 Class F or ASTM D 7158 Class H or TAS 107

My concern is the test standards for ASTM D3161 Class F & TAS 107 certify asphalt shingles to wind speed of 110 mph. How does a test standard limited to 110 mph qualify a product or system for wind zones greater than 110 mph?

Will the Florida Building Commission, the Design Professional, or the Contractor assume responsibility for a roof covering that is being installed in a wind zone greater than the tested rating?

The Department of Community Affairs issued a clarification to the Florida Building Commission (attached) instructing the necessity "Verification of Compliance with the Limitations of Use".

Respectfully Submitted,

Timothy Graboski  
Tim Graboski Roofing Inc

18<sup>th</sup> of November 2010



STATE OF FLORIDA  
**DEPARTMENT OF COMMUNITY AFFAIRS**

*"Dedicated to making Florida a better place to call home"*

JEB BUSH  
Governor

CODE COMPLIANCE

THADDEUS L. COHEN, AIA  
Secretary

STEP ONE: PRODUCT APPROVAL

STEP TWO: SITE SPECIFIC DESIGN

**MEMORANDUM**

EACH BUILDING

Florida Building Commission  
Raul L. Rodriguez, AIA, Chairman

Date: December 6, 2006

Re: Acceptance of State Approved Products and Verification of Compliance with  
"Limitations of Use"

Florida Statutes, section 553.842, govern local and state approval of building products directly related to the structural wind resistance of buildings. The law establishes specific methods for manufacturers to demonstrate compliance with the Florida Building Code but gives the manufacturer the option of obtaining either local or state approval. State approved products must be accepted by local jurisdictions within the limitations of use established by the state approval without requirement for further testing, evaluation or submission of evidence. (Florida Statute, section 553.842(4) Products or methods or systems of construction requiring approval under s. 553.77 must be approved by one of the methods established in subsection (5) before their use in construction in this state. Products may be approved by the commission for statewide use. Notwithstanding a local government's authority to amend the Florida Building Code as provided in this act, statewide approval shall preclude local jurisdictions from requiring further testing, evaluation, or submission of other evidence as a condition of using the product so long as the product is being used consistent with the conditions of its approval.) When a product is state approved the local jurisdiction's authority extends only to determining the product is being used within the conditions established by the approval.

\* \* (1)

Determination that a product complies with the Code is a two step process. The first step is performed one time and provides the basis for the second step which is repeated for each building. The first step is verification that a performance evaluation has been conducted according to the standards adopted by the Code or approved equivalent standards and by either a certification agency, test laboratory, evaluation entity or Florida registered Engineer or Architect as required by law. The second step is verification that the product selected and installed in a building meets the Code performance requirements for that specific building. The first step may be conducted by the local jurisdiction unless the manufacturer elects to obtain State approval in which case the performance rating and limitations of use provided in the State approval documentation must be accepted by local jurisdictions when conducting the second step. The second step is always conducted by the permitting jurisdiction. (Note: Local jurisdictions may only require additional testing, calculations or other additional demonstration of compliance for State approved products when determining whether to allow use of the product outside of the limitations of use established by the State approval.)

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