



**Informal Interpretation Report
Number 5158**



Date June 22, 2007

Edition 2004

Section 1714.5.2.1

Question:

Is it the intent of 1714.5.2.1 to require installed products to meet a water test pressure of 15% of the opening design pressure?

Answer:

No, It is the intent of this section to require that windows, sliding glass doors and glass patio doors meet the minimum water test requirements of the standard that the product is tested to.

On 06/22/2007 at 9:43 AM

Commentary:

There is an exception for doors that are tested to one of the standards listed in this section that was added to the 2004 FBC which reads Exceptions: 1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration need not be tested for water infiltration. 2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation: $\text{OH ratio} = \text{OH length} / \text{OH height}$ Where: OH Length = The horizontal measure of how far an overhang over a door projects out from the door's surface. OH Height = The vertical measure of the distance from the door's sill to the bottom of the overhang over a door. 3. Pass-through windows for serving from a single-family kitchen, where protected by a roof overhang of 5 feet (1524 mm) or more shall be exempted from the requirements of the water

infiltration test. As an example, an AW (architectural grade products) rated product must meet 20% of the positive design pressure when tested to the AAMA/NWWDA 101 I.S.2-97 standard while products tested to R (residential), LC (light commercial), C (commercial) and HC (heavy commercial) are tested to 15% of the positive design pressure. TAS-202 requires water be tested at 5 GPH/SF at 15% of air pressure based on wind velocity of 75MPH.

Notice:

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