

# TOWN OF JUPITER BUILDING DEPARTMENT

## FIELD INSPECTION SERVICES

### IN-PROGRESS DOOR AND WINDOW INSPECTION

#### Revision 3:

Update to the 2010 Florida Building Code

The purpose of this inspection is to insure the proper installation of window and door bucks, shims and anchors, as specified in the product approval and the Florida Building Code as written below.

*The text written in Italics is the commentary provided by the Town of Jupiter.*

#### **FBC 1715.5.4 & FBC-R612.10.2 Masonry, concrete or other structural substrate.**

Where the wood shim or buck thickness is less than 1½ inches (38 mm), window and door assemblies shall be anchored through the main frame or by jamb clip or sub frame system, in accordance with the manufacturers published installation instructions. Anchors shall be securely fastened directly into the masonry, concrete or other structural substrate material.

*When the thickness of the buck or shim is less than 1 ½ inches, anchors shall be installed directly through the window/door frame, through the shims and buck, and into the masonry structure.*

Unless otherwise tested, bucks shall extend beyond the interior face of the window or door frame such that full support of the frame is provided.

*The buck shall be installed as displayed in the window/door Notice of Acceptance (NOA). If the existing buck fails to match the exact requirements as pictured in the NOA, then the existing buck shall be removed and a new buck installed in accordance with the NOA. It is not permissible to piece in additional wood in order to extend the width of the existing buck.*

Shims shall be made from materials capable of sustaining applicable loads, located and applied in a thickness capable of sustaining applicable loads.

*Wood, plastic, and metal are considered to be suitable shim materials.*

Anchors shall be provided to transfer load from the window or door frame to the rough opening substrate.

*The type of anchor and the penetration depth is specified in the product approval and the manufacturer's installation instructions, which needs to be on site during installation and inspection.*

Where the wood buck thickness is 1½ inches (38 mm) or greater, the buck shall be securely fastened to transfer load to the masonry, concrete or other structural substrate and the buck shall extend beyond the interior face of the window or door frame.

*Where the thickness of the buck is 1 1/2 inches or more, the buck shall be anchored to the masonry structure first.*

*The means and method of the buck-to-structure attachment shall be detailed in a signed and sealed engineered drawing that has been submitted with the plans and product approval at the time of permit application.*

*After the window/door buck is installed, the window or door is then shimmed and anchored to the buck with anchors approved for the purpose.*

Window and door assemblies shall be anchored through the main frame or by jamb clip or sub frame system or through the flange to the secured wood buck in accordance with the manufacturers published installation instructions. Unless otherwise tested, bucks shall extend beyond the interior face of the window or door frame such that full support of the frame is provided. Shims shall be made from materials capable of sustaining applicable loads, located and applied in a thickness capable of sustaining applicable loads. Anchors shall be provided to transfer load from the window or door frame assembly to the secured wood buck.

**FBC 1715.5.5 & FBC-R612.11 Mullions occurring between individual window and glass door assemblies.**

*All mullions have been engineered and tested to comply with specific performance criteria. It is not permissible to cut, notch, drill, alter, modify, or in any way change the mullion or the mullion mounting brackets.*

If you have any questions please contact Tim Lynch 561-741-2286

**WINDOW/DOOR IN PROGRESS INSPECTION IS REQUIRED, (INSPECTION CONNECTION #157) CALL 561-741-2286 MORNING OF THE INSPECTION.**



# Town of Jupiter

## BUILDING DEPARTMENT

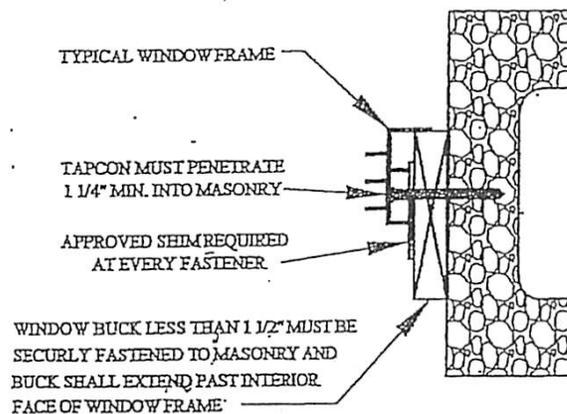
561-741-2286

### ATTENTION OWNERS / CONTRATORS WINDOW & DOOR INSTALLERS

UNLESS OTHERWISE TESTED

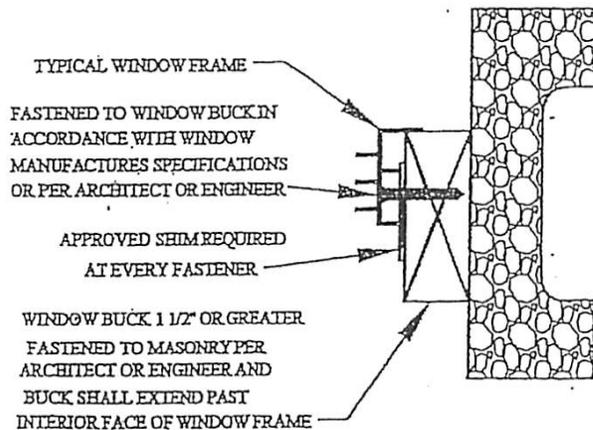
#### WINDOW BUCK INSTALLATION FOR RESIDENTIAL WINDOWS IN ACCORDANCE WITH FLORIDA BUILDING CODE 1715.5.4 AND FLORIDA BUILDING CODE RESIDENTIAL 612.10.2

Masonry, Concrete or Other Structural  
Substrate



#### BUCK LESS THAN 1 1/2"

Where the wood shim or buck thickness is less than 1 1/2 inches, window and door assemblies shall be anchored in accordance with the manufactures published installation instructions. Anchors shall be securely fastened directly into the masonry, concrete or other structural substrate material. Unless otherwise tested, bucks shall extend beyond the interior face of the window or door frame such that full support of the frame is provided. Shims shall be made from materials capable of sustaining applicable loads, located and applied in a thickness capable of sustaining applicable loads. Anchors shall be provided to transfer load from the window or door frame to the rough opening substrate.



#### BUCK GREATER THAN 1 1/2"

Where the wood buck thickness is 1 1/2 inches or greater, the buck shall be securely fastened to transfer load to the masonry, concrete or other structural substrate and the buck shall extend beyond the interior face of the window or door frame. Window and door assemblies shall be anchored through the main frame or by jamb clip or subframe system or through the flange to the secured wood buck in accordance with the NOA or Florida Product Approval. Unless otherwise tested, bucks shall extend beyond the interior face of the window or door frame such that full support of the frame is provided. Shims shall be made from materials capable of sustaining applicable loads, located and applied in a thickness capable of sustaining applicable loads. Anchors shall be provided to transfer load from the window or door frame assembly to the secured wood buck.

WINDOW SHOP DRAWINGS WILL BE REQUIRED AT TIME OF BUILDING FRAMING  
INSPECTION, PER INFORMATION SHEET ATTACHED TO APPROVED PLANS

Rev 5/15/12