

IN-PROGRESS DOOR AND WINDOW INSPECTION

Friday June 13, 2008

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.

R613.6.1.1 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 of 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 unless permitted by the NOA.

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 need 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.

If you have any questions please contact Todd Shoff at 561-262-2465