PEPA/IBHS Florida Code Next Steps

Pull 11892, 11871

11892 – Building Code

Pull Change, Suggest Following Replacement Definition

Current draft

~~Backed Vinyl Siding. A vinyl siding product with a manufacturer-installed foam plastic backing material as an integral part for structural support. Backed Vinyl siding is not used as insulation. When vinyl siding is used as insulation, it is referred to as *insulated vinyl siding*.~~

Replace with the following to be consistent with the residential definition.

Backed vinyl siding is a cladding product with a manufacturer-installed foam plastic backing material as an integral part. Where used as insulation, refer to insulated vinyl siding.

11871 – make further modifications

R703.11.1 Installation. Vinyl siding, backed vinyl siding, insulated vinyl siding, and compatible accessories shall be installed in accordance with the manufacturer's instructions. For vinyl siding, backed vinyl siding, and insulated vinyl siding having a wind load design pressure rating of 30 psf or less and installed where ~~applied under~~ the design wind pressure is ~~of~~ 30 psf or less in accordance with Table R301.2(2), the prescriptive fastening requirements of Table R703.11.1 shall be permitted. Provisions of Section R703.11.2 shall apply.

Table R703.11.1 Prescriptive Fastner Requirements for Vinyl, Backed Vinyl, and Insulated Vinyl Siding

Fastener[a]	**Substrate**[b]	**Penetration depth**[c]	**Spacing**
Smooth shank nail, not less than 0.120" ~~nail~~ diameter shank with 0.313(5/16)" head	Nailable Substrate	Not less than 1-1/4"	Horizontal siding - not greater than 16-inches on center
Ring ~~diameter~~ shank nail, not less than 0.120" diameter shank with 0.313(5/16)" head	min. 7/16" thick nailable substrate	Through substrate plus a minimum of 1/4" through	Horizontal siding - not greater than ~~16~~ 12-inches on center
Ring ~~diameter~~ shank nail, not less than 0.120" diameter shank with 0.313(5/16)" head	> 15/32" thick nailable substrate	Through substrate plus a minimum of 1/4" through	Horizontal siding - not greater than 16-inches on center
Either smooth shank or ring shank nail (as specified above)	min. 7/16" thick nailable substrate	Through substrate plus a minimum of 1/4" through	Vertical siding - Not greater than 12-inches on center each way
Ring shank nail, not less than 0.120" diameter shank with 0.313(5/16)" head or screw not less than 0.138 shank with a .423" truss washer ~~or washer~~ head	min. 3/4" thick wood furring[e]	Into furring 3/4"	Not greater than 12-inches on center
24-INCH O.C. FRAMING (For 20 psf or less design wind pressure)[d]			

All fastener types (as specified above)	Nailable substrate	1-1/4"	Horizontal siding - Not greater than 24-inches on center

a. Fasteners shall comply with ASTM F1667

b. Wood framing and furring shall ~~have~~ be Southern Pine, Douglas Fir-Larch, Hem-Fir, Spruce-Pine-Fir or other species with a ~~minimum~~ specific gravity ~~of~~ equal to or greater than 0.42. in accordance with AWC NDS. Other nailable substrates with equal or greater fastener withdrawal performance shall also be permitted. Where fiberboard, gypsum, foam plastic or other non-nailable substrate is used, fasteners must go into studs or other form of nailable substrate.

c. The total thickness of wood structural panel, wood furring, and other nailable substrates shall satisfy ~~be satisfying~~ the required penetration depth.

d. For 0.120 inch roofing nail only, 24 inches on center fastener spacing for horizontal siding shall be permitted where the allowable stress design wind pressure is 20 psf or less in accordance with ~~Section 1609~~Table R301.2(2). Alternatively, it shall be permitted where the mean roof height of the building is 30 feet or less and the design wind speed does not exceed 115 mph for Exposure B or 110 mph Exposure C.

e. Unless otherwise specified by the manufacturer's instructions, a material shall be provided in-between the furring that provides a flat surface to support the siding.