

OWNER -BUILDER RESIDENTIAL RE-ROOF PERMITTING REQUIREMENTS

1.Re-roofing permit application completed.

2.Provide a Florida Product Approval or Miami-Dade Notice Of Acceptance. The roof assembly that is to be installed needs a tested assembly that meets or exceeds the components and cladding pressures located on the roof components and cladding worksheet for re-roofs. Some instances, such as flat roofs, may require a design professional to recalculate the Product Approval's/NOA's attachment of the roof system to meet the component and cladding pressures which exceed the design limitations of the proposed system. Asphalt shingle roof assemblies do not need to meet components and cladding pressures but must meet ASTM D 3161Class F or ASTM D 7158 Class H or TAS107.

INSPECTION REQUIREMENTS

The following inspections are required ,additional inspections may be required for some re-roofs
(Note: Tile roof installation will require an intermediate roof covering (606))
(Inspection Codes follow the type of inspection)

1.**Roof Sheathing Inspection (152).** An owner acting as his own contractor must have a roof sheathing inspection prior to dry-in to verify attachment per the Florida Existing Building Code Table 611.7.1.2, or the Roof Assemblies Miami-Dade NOA or Florida Product Approval whichever is applicable .Affidavits will **not** be accepted

TABLE 611.7.1.2 SUPPLEMENT FASTENERS AT PANEL EDGES AND INTERMEDIATE FRAMING

| EXISTING FASTENERS | EXISTING SPACING | WIND SPEED 110 MPH OR LESS SUPPLEMENTAL FASTENER SPACING SHALL BE NO GREATER THAN | WIND SPEED GREATER THAN 110 MPH SUPPLEMENTAL FASTENER SPACING SHALL BE NO GREATER THAN |
|---|----------------------|---|--|
| Staples or 6d | Any | 6" o.c. ^b | 6" o.c. ^b |
| 8d clipped head, round head, smooth or ring shank | 6" o.c. or less | None necessary | None necessary |
| 8d clipped head, round head, smooth or ring shank | Greater than 6" o.c. | 6" o.c. ^a | 6" o.c. ^a |

For SI: 1 inch = 25.4 mm.

a. Maximum spacing determined based on existing fasteners and supplemental fasteners.

b. Maximum spacing determined based on supplemental fasteners only.

1.Dry-In (155). The underlayment must be completely installed and the sheathing inspection approved . No roof covering can be installed until this inspection has been completed and approved. When a roof covering is being installed over an existing roof covering, a damage inspection (902) is used for the dry-in inspection required by the Existing Building Code Section 611.3 prior to commencing work.

Roof over damage inspection

If the intent of the permit is to apply a roof covering over an existing roof covering, a damage inspection is required instead of a roof dry-in. Per 611.3 of the Florida Building Code Residential – new roof coverings shall not be installed without prior approval by the inspector

611.7.2 Roof secondary water barrier for site-built single-family residential structures. A secondary water barrier shall be installed using one of the following methods when roof covering is removed and replaced:

- a) The entire roof deck shall be covered with an approved self-adhering polymer modified bitumen sheet meeting [ASTM D 1970](#) or an approved self-adhering synthetic underlayment installed in accordance with the manufacturer's installation instructions. No additional underlayment shall be required on top of this sheet for new installations.
- b) An underlayment system approved for the particular roof covering shall be applied with the following modification:

(1) For roof slopes that require one layer of underlayment, a layer of approved asphalt impregnated [ASTM D 226](#) Type I or Type II underlayment or approved synthetic underlayment shall be installed. The felt is to be fastened with 1-inch (25 mm) round plastic cap or metal cap nails, attached to a nailable deck in a grid pattern of 12 inches (305 mm) staggered between the overlaps, with 6-inch (152 mm) spacing at the overlaps. The synthetic underlayment shall be fastened in accordance with the manufacturer's recommendations.

(2) For roof slopes that require two layers of underlayment, an approved asphalt impregnated [ASTM D 226](#) Type I or Type II underlayment shall be installed in a shingle-fashion and lapped 19 inches (483 mm) and fastened as described above. An approved synthetic underlayment shall be installed in accordance with the manufacturer's installation instruction. (No additional underlayment shall be required over the top of this sheet.)

2.Flashings Inspection (154). This inspection is done at the same time as the dry-in or roof covering . All the flashing must be completed and visible.

R905.2.8.6 Drip edge. Provide drip edge at eaves and gables of shingle roofs. Overlap to be a minimum of 3 inches (76 mm). Eave drip edges shall extend $\frac{1}{2}$ inch (13 mm) below sheathing and extend back on the roof a minimum of 2 inches (51 mm). Drip edge at eaves shall be permitted to be installed either over or under the underlayment. If installed over the underlayment, there shall be a minimum 4 inch (51 mm) width of roof cement installed over the drip edge flange. Drip edge shall be mechanically fastened a maximum of 12 inches (305 mm) on center. Where the basic wind speed per Figure R301.2(4) is 110 mph (49 m/s) or greater or the mean roof height exceeds 33 feet (10 058 mm), drip edges shall be mechanically fastened a maximum of 4 inches (102 mm) on center.

3.Roof Covering (609). An in-progress inspection must be made as the roof contractor is on site and installing. The fastening of the roof covering must be in accordance with the requirements of the Miami-Dade NOA or Florida Product Approval. 6 nails required per shingle

4.Final Inspection (999). Roof assembly installation is complete, all required preliminary inspections are complete, and all debris has been removed.