



Florida Building Code Binding Interpretation

Report Number 231

Date: February 23, 2022

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Code Edition: 6th Edition (2017)

Sections: R904.1, and R905

Text of code provisions:

R904.1 Scope. The requirements set forth in this section shall apply to the application of roof covering materials specified herein. Roof assemblies shall be applied in accordance with this chapter and the manufacturer's installation instructions. Installation of roof assemblies shall comply with the applicable provisions of Section R905.

R905.10.2 Slope. Minimum slopes for metal roof panels shall comply with the following:

1. The minimum slope for lapped, nonsoldered-seam metal roofs without applied lap sealant shall be three units vertical in 12 units horizontal (25-percent slope).
2. The minimum slope for lapped, nonsoldered-seam metal roofs with applied lap sealant shall be one-half unit vertical in 12 units horizontal (4-percent slope). Lap sealants shall be applied in accordance with the *approved* manufacturer's installation instructions.
3. The minimum slope for standing-seam roof systems shall be one-quarter unit vertical in 12 units horizontal (2-percent slope).

Appeal question requesting a response:

Does the installed roof system as presented by the petitioner including all documents submitted to the Panel meet Section R904.1 with specific reference to the manufacturer's installation instructions?

Answer:

No. The manufacturer has not provided engineering documentation that the installation is an approved alternative means for compliance with the installed roof slope condition.

Comment:

The Panel based this answer on the failure of the manufacturer to provide to the building official complete substantiation that the roofing system installed complies with all requirements of the Code related to the installation of the subject metal roofing assembly in all aspects including roof slope.

NOTICE:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, and the Florida Department of Business & Professional Regulation, provides this interpretation of the Florida Building Code in the interest of consistency and application of the Building Code statewide. This interpretation is binding and not subject to acceptance and approval by the local building official.