



Informal Interpretation Report Number 7415



Date October 21, 2014

Edition 2010

Section 1510.3

Question:

In compliance with Section 1510.3, Exception 1, would it be permissible to install a metal roof fastened to purlins where the purlins are fastened through an existing roof directly to the roof rafters and where the existing roof consists of two applications of asphalt shingles?

Answer

Yes, if the metal roof is completely separate and designed to transmit the roof loads directly to the buildings structural system and does not rely on existing roof and roof coverings for support, otherwise, no per Item 3 which specifically prohibits recovering where the existing roof has two or more applications of any type of roof covering. Please see the attached commentary for additional explanation.

Commentary:

Without arguing the lack of rationality of such an approach, or that the structures dead load may be exceeded, the answer to the question is yes, however, the metal roof system to be installed must transmit all loads independently of the existing roof deck directly to the structural support system. Consequently, an architectural metal standing seam system could not be used, since this type of system must be supported by a roof deck. A structural standing seam metal roof would be required. These roof systems have the strength and capability of spanning structural members without being supported by a deck.

Notice:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.