



**Informal Interpretation Report
Number 6956**



Date April 04, 2012

Edition 2010

Section Energy Table 502.1.1.1(1)

Question:

Is it the intent of the 2010 FLA Building, Energy Conservation Code, Table 502.1.1.1(1) to provide minimum thickness on roof insulation at any one point on the roof, (under drains) to meet R-40 if an average R-40 value thickness over the entire roof can be met reducing the roof insulation at drain locations to less than R-40?

Answer

Yes. 502 is a prescriptive compliance path. As such the thermal envelope minimums are more restrictive in order to achieve the 80% passing score.

Commentary:

The prescriptive path is required for shell buildings and renovations. However, any building may comply with method 506. If a shell building is to comply with method 506, then all assumed items must be listed and appended to the calculation. If the final build-out is not per the appended document, then a revised form 506 must be submitted at the time of final build-out of the building or portion of the building. For buildings complying with form 506, the performance method allows for trade offs and the average value of insulation could be used in the calculating of the compliance. Form 502 would not allow using a weighted average.

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.