



**Informal Interpretation Report
Number 7435**



Date December 15, 2014

Edition 2010

Section 601.4

Question:

Is it the intent of 601.4 exceptions 1 and 2 to require the door to be undercut when already requiring properly sized transfer grills to achieve balanced return air?

Answer

Yes to the question and No to the comment.

Commentary:

When this code section was proposed in order to achieve close to the 0.01 W.C. across closed doors, the equivalent cross sectional duct area for a transfer duct would be approximately twice the size of the supply duct. The undercut door was introduced to the code in an effort to provide additional square inches for return air. By doing this, the return duct cross sectional area was reduced to 1-1/2 times the supply duct and transfer grills were reduced to 50 sq. in. per 100 c.f.m.

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.