



**Informal Interpretation Report  
Number 7409**



**Date** October 21, 2014

**Edition** 2010

**Section** 710 and 713

**Question:**

Is it the intent of section 710.4 in a Type IIB building constructed of FRTW roof trusses to permit a one hour fire rated smoke barrier to intersect a FRTW roof truss at a right angle so that the FRTW roof truss penetrates the smoke barrier as the smoke barrier tracks to the roof deck above?

**Answer**

No, unless the assembly has been tested in the end use described.

**Commentary:**

710.4 allows for non-rated support of the wall. But, the penetration must comply with 713.3.1.1 OR 713.3.1.2. If the fire caulk manufacturer has tested this assembly exactly as installed, then it could be permitted. If not, an opinion letter with supporting test data from the manufacturer's engineers might be used to justify an application for an alternate method and material.

Note: Vertical restraint of trusses should not take place without approval of the truss design engineer.

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**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.