



Informal Interpretation Report Number 8685



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Section 602.2.1

Question:

Where pvc piping NOT having a 25 flame spread index and a 50 smoke-developed index (when tested in accordance with ASTM E84 or UL 723) is installed within an AHU closet that is constructed as a plenum per FMC 602.2, does covering the pvc piping with a listed 25/50 flame and smoke index insulation bring the pvc into compliance with 602.2.1 regarding materials permitted within plenums?

Answer

Section 602.2.1 outlines the requirements for materials within plenums, and also provides 6 exceptions. In reference to your question, as it applies to wrapping/ protecting the PVC piping, exception 5, and specifically 5.3 provide a resolution. Exception #5: Combustible materials fully enclosed within one of the following: part 5.3: Materials listed and labeled for installation within a plenum. As the term "insulation" is general, the material you choose needs to be specifically listed for use within a plenum. This listing/ information should be provided to the inspector at time of inspection. Nearly all product manufacturers will provide the technical data, and supporting documentation necessary.

Commentary:

None.

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.