

Technical Bulletin #27b

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VENTING OF PREMIER SIPS ROOF PANELS

Even though Premier SIPS have been used in unvented roof applications since the 1960's, confusion still exists about the need to vent Premier SIPS roof panels.

The building codes require ventilation of “enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters.” The building code defines an attic as the unfinished space between the ceiling joists of the top story and the roof rafters. When roof panels are used on a project an attic space is not present because the panels are the exterior, insulated envelope of the structure. By definition, an attic space does not exist.

The IRC Section R806.4 furthers the discussion by addressing “unvented conditioned attic assemblies (spaces between the ceiling joists of the top story and the roof rafters)...” But, again, when panels are used on the roof, an attic is not present. The interior space of the structure is all conditioned and usable.

To summarize, roof venting of Premier SIPS roof panels is not required. Refer to Premier SIPS Technical Bulletin #9 for mechanical ventilation of SIP structures.