



United States Patent 6,908,003 B2 covers the topic of electrical boxes for use in walls, floors and ceilings, and more specifically to a new and improved electrical outlet box and flush mounted device box which allows the integrity of a vapor barrier in building construction to be maintained.

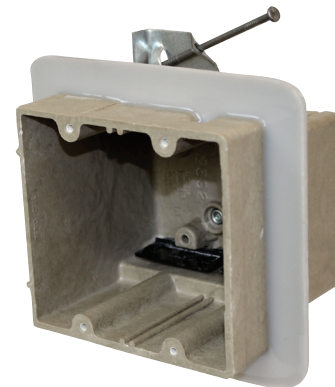
When an electrical box is installed in a wall or ceiling, the vapor barrier provided by the construction to prevent cold, winter air from entering into a house is compromised by the mounting of such a box.

Engineers at Allied Moulded Products, Inc. were presented with this issue of the vapor barrier when traditional electrical boxes were installed. Their solution was to provide an improved electrical box that maintains the integrity of the vapor barrier of the wall construction. The innovative box design provides an integral rigid flange that seals the vapor barrier and prevents cold, winter air from leaking into the house. This design is for use in energy efficient home to aid in sealing up the exterior walls per construction methods outlined in 402.4 of the 2009 International Energy Conservation Code.

**Product Features:**

- An electrical box including an integral flange, extending from the box in all directions to maintain the integrity of the vapor barrier; the flange is self supporting and yet flexible enough to accommodate the dimensional and alignment irregularities in construction.

Allied Moulded Products, Inc. offers many options in the Vapor Seal product family. These air-sealed electrical boxes are available in single-gang, two-gang, three-gang, four-gang, five-gang, round fixture/fan support, and in single and double drywall applications. Please visit [www.alliedmoulded.com](http://www.alliedmoulded.com) for more information on any of Allied Moulded's products.



*2-gang,  
Double Drywall  
Vapor Seal  
Electrical Box*