

The typical method for attaching Tectum Interior Panels to hollow block cement walls is using furring strips attached to the wall. Tectum Inc. painted drywall screws are then attached to the Tectum panels in the recommended manner. (See Bulletin M-40 and M-47)

Wood furring is frequently attached using a masonry fastening system such as Tapcon** or Kwik-Con II***. The manufacturers instructions for installation of the screws must be followed. Care must be taken in selecting the proper length of the fastener. Most manufacturers recommend screws penetrate the hollow block wall 1" to 1 3/4". The withdrawal resistance of 1" penetration in hollow block walls is shown in the manufacturers literature as being in the 150-200 pound range. The screw pullout of 150-200 pounds may not be adequate, depending on the spacing of the fasteners. Penetration of 1 3/4" nearly doubles the pullout resistance of a screw. Closely matched tolerance drill bits must be used to get maximum pullout values.

Tectum Inc. recommends the use of construction adhesive to supplement mechanical attachment of furring strips to hollow block walls. The adhesive must be of a type compatible with the hollow block wall and the furring strips. Follow the manufacturers instructions for the proper application of the adhesive.

When the furring strips are properly attached, the Tectum panels can then be installed as recommended in Bulletin M-40.

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