

**GENERAL**

- 1) All Tectum Interior Panels are to be mechanically attached unless they are installed in a grid system. The typical attachment uses screws spaced 24" o.c. or less.
- 2) Tectum Interior Panels are typically installed over furring. The recommended method is for the furring to be spaced not over 24" o.c. and perpendicular to the panel direction. Furring is required at the panel ends. The attachment of the furring and the furring must be designed to support the weight of the panels.
- 3) If furring must be installed parallel to the panel direction, the spacing must match the panel width. Panels 31 3/4" and 47 3/4" must have mid width furring. Spacing should be as follows for furring parallel to Tectum panels:

23 3/4" width	23 3/4" c-c spacing
31 3/4" width	15 7/8" c-c spacing
47 3/4" width	23 7/8" c-c spacing

For Fabri-Tough™ Wall Panels, spacing furring at 24" c-c spacing.

- 4) All Tectum Wall Panels should be supported by blocking on the bottom edge. The blocking is typically a continuous wood strip or a metal angle.
- 5) When panels are to be butted end to end, an ashlar, or brick bond pattern is to be used. All edges that are butted together are to be beveled or covered with a batten. If more than two panel lengths are butted end to end, the panel length shall not exceed 96".
- 6) Panel edges are not painted. When panel edges are to be exposed, special order panels with painted edges. Tectum Inc. does not recommend exposed Tectum Finalé panel edges.

**SCREW ATTACHMENT**

- 1) When attaching to furring use painted head drywall screws. For wall applications on 23 3/4" wide panels, two screws per furring crossing are required; for 31 3/4" and 47 3/4" wide panels, three screws per furring crossing are required. The screws are to be spaced 1" from the panel edges and where three is required, the third screw is centered. For ceiling applications using 23 3/4" or 31 3/4" wide panels, three screws per furring crossing are required. For ceiling applications using 47 3/4" wide panels, five screws per furring crossing are required.

- 2) Tectum Interior Panels can be attached directly to CMU and other masonry depending on hardness with painted head masonry screws. The spacing of the screws is the same as with drywall screws. Attachment to masonry products may be difficult or not practical. The practicality of this installation method should be verified. When it is not practical to use masonry screws, furring can often be applied and the panels screwed to the furring.
- 3) In moderate or high impact areas, such as gymnasium walls less than 12 feet above the floor and ceiling less than 20 feet, additional screws or construction adhesive are recommended.

### **SPLINE ATTACHMENT**

- 1) For Fabri-Tough, Fabri-Tough II and Kerfed Wall Panels, space splines at 24" o.c. along the edges. Splines are to extend along the edges to the panel ends. Use screws to attach the splines to furring or attach the splines to other substrates by appropriate methods, such as screws, nails or special fasteners.
- 2) The bottom edge of the panels must be supported to prevent panels from sliding lengthwise along the spline.
- 3) Spline and Décor clip attachment is not recommended in moderate and high impact areas.