

TECTUM™ Fabric Wall Panels

Assembly and Installation Instructions

1. GENERAL

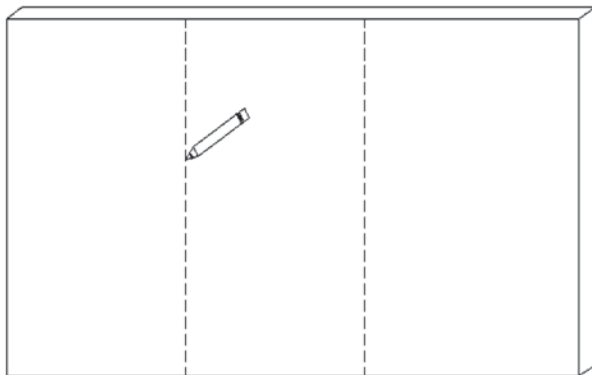
2.1 Product Description

Abuse-resistant Tectum Fabric acoustical wall panels set a new standard for durability and noise control, efficiently, economically and attractively in open plan, closed or mixed-use spaces. Tectum Fabric wall panels can provide NRC's from .50 up to .90 depending on mounting and are available in a wide range of Hytex Rib or Acoustical Renaissance fabric colors. Tack-ability is an added feature because they can be used as bulletin or display boards without visible effect, making them ideal for work areas, conference rooms and classrooms.

2. INSTALLATION

2.1 Determining Location

Mark location of each panel on wall (or on furring strips if this method is used) to determine panel usage, position and inside/outside corner details. Install nailer at base of wall for panel support. Make sure it is level. Nailer height depends upon height of molding to be used.



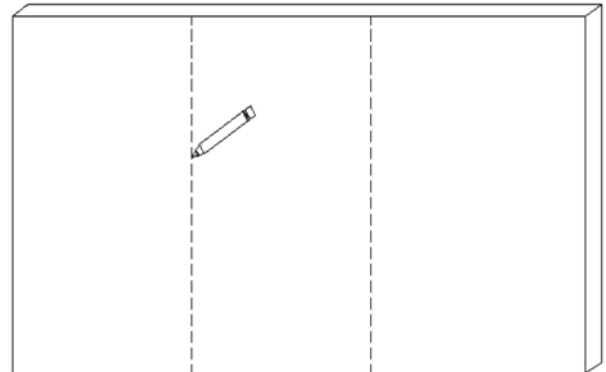
Step #1



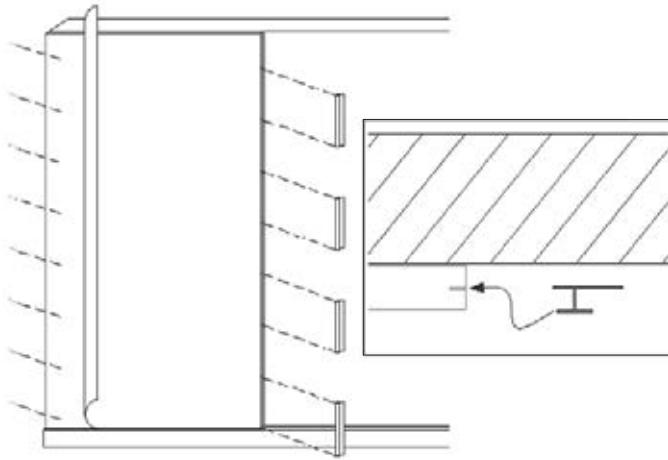
Step #2

2.2 Position First Panel

Position first panel, using level to assure plumb. Insert first spline section into kerf on panel and against wall. Start at top of panel. Spline shall be mechanically attached to the wall so that it is firmly in place. Add splines down rest of panel to nailer, making sure plumb is maintained.



Step #3

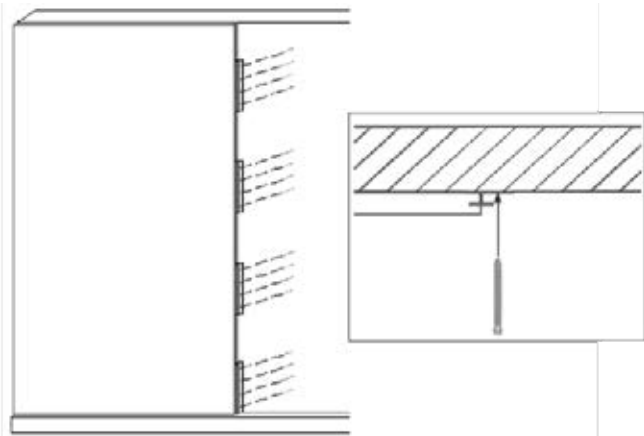


Step #4

2.3 Position Second Panel

Position next panel on wall and slide it against first splines until they fully engage kerf. Apply splines to opposite edge kerf and to wall as done with first panel. Continue procedure along wall length, checking plumb of each panel. When complete, fasten base molding to nailer.

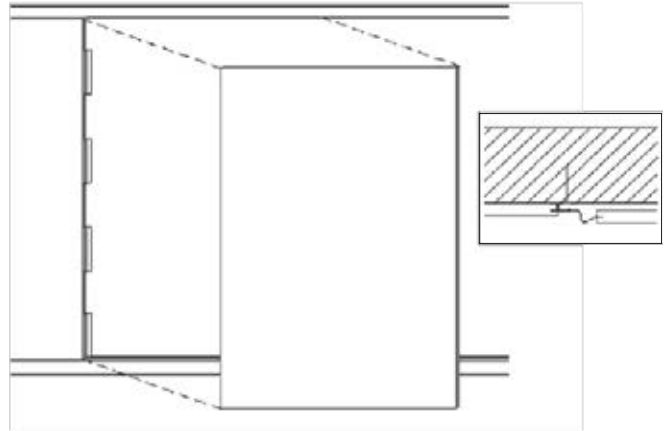
NOTE: If partial panel is needed to fill inside corner, do not fasten last row of splines to wall. See Inside Corner instructions below.



Step #5

2.4 Measure Your Space

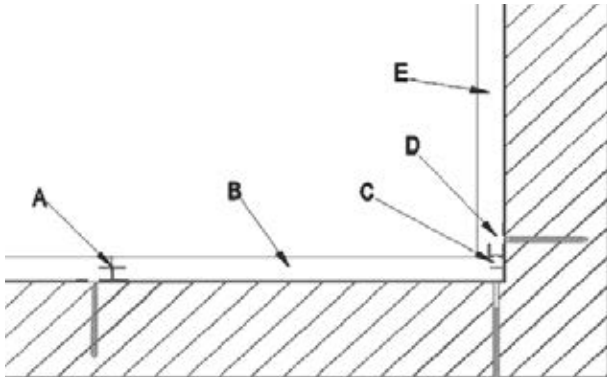
Measure space from last panel to corner at top, middle and bottom of area. Transcribe these measurements to face of panel. Place panel, fabric side up, on smooth surface and, using hand or power saw, saw through fabric and panel so that cut edge is edge that will fit in corner.



Step #6

2.5 Attaching the Spline

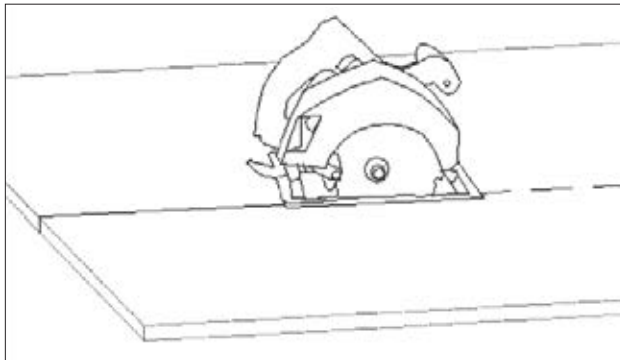
Attach the spline (A) with the appropriate mechanical fastener. Cut panel (B) to proper width to fit in the corner. Attach the corner with an appropriate fastener (C). This is typically a finish nail or screw. Install J spline (D) with an appropriate mechanical fastener. J spline is made by cutting legs off the provided H spline. Install full panel (E) in the standard manner.



Step #7

2.6 Carefully Saw Through Fabric

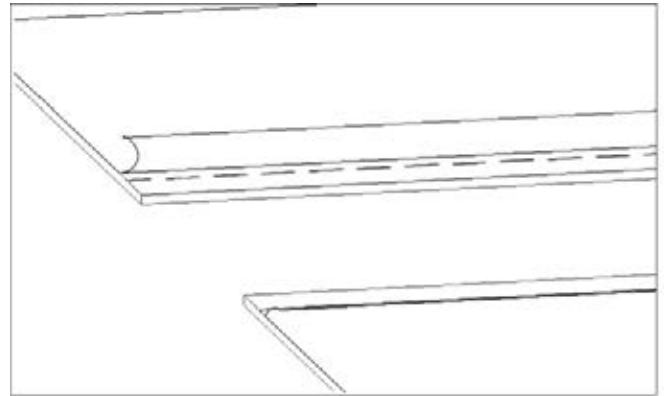
Measure space from last full panel to corner at top, middle and bottom. Add 2" to these measurements. Transcribe these measurements to face of panel to be cut. Place panel, fabric side up, on smooth surface and, using hand or power saw, saw through fabric and panel along marked line.



Step #8

2.7 Peel Back Fabric

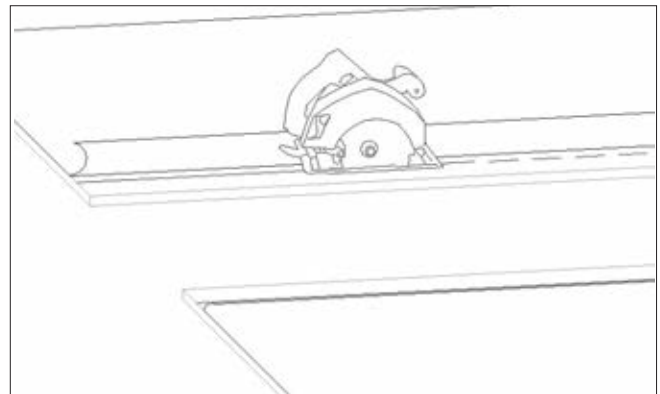
Gently peel fabric back 3" from cut edges of both panel pieces. Draw a line on the TECTUM board of both panel pieces 2" back from the cut edge and parallel to the cut edge, the length of the panel.



Step #9

2.8 Saw off Extra Board

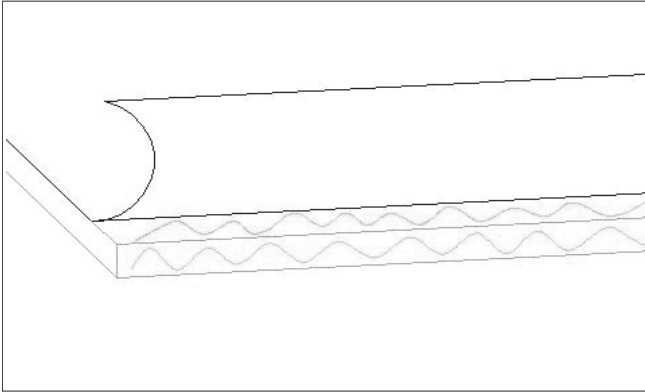
Making sure the fabric is folded back out of the way, saw off this 2" wide strip of TECTUM board on both panel pieces. Remove any loose fibers that may remain.



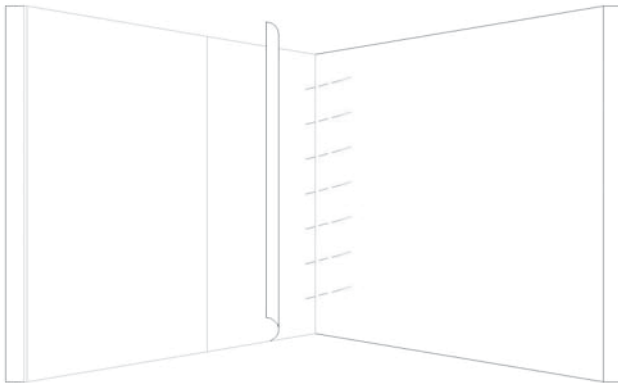
Step #10

2.9 Glue Down Fabric

On one panel piece, apply hot melt glue to the TECTUM board along the 1" wide exposed top where the material was peeled back, along the cut edge and along a 1" wide strip on the back next to the cut edge. Wrap fabric back over face, around edge, and over back so it adheres. Stretch tight, eliminating any folds or creases. Repeat procedure with other panel pieces.



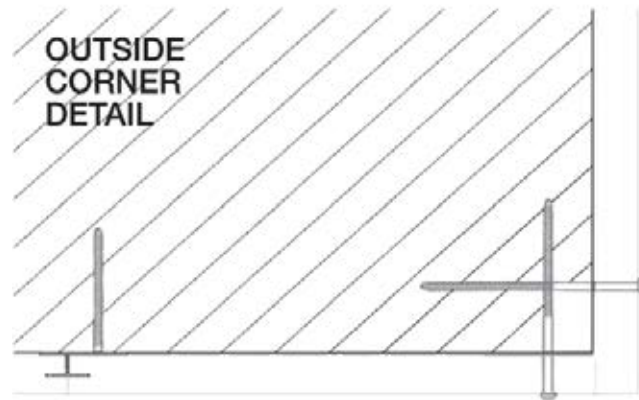
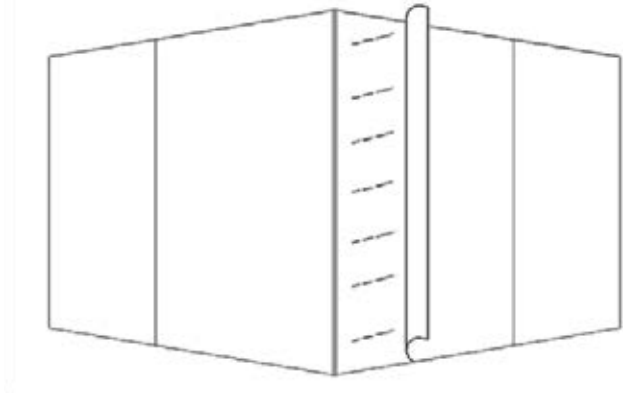
Step #11



Step #12

2.10 Position on Wall

Apply adhesive in same manner to other panel piece. Position it on wall around corner so it completely overlaps end of other corner panel. Slip splines into kerf in opposite edge and continue down wall in same manner as previous. Drive finish nail through fabric into area of adhesive to hold panels in place while adhesive sets.



Step #13

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 1 877 276 7876.

For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 1 877 276 7876 or FAX 1 800 572 TECH.

For the latest product selection and specification data, visit armstrongceilings.com/tectum.

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