



- ◆ **High NRC and STC ratings**
- ◆ **Class A fire rated**
- ◆ **Standard, designer or C.O.M. fabrics**

ArtUSA® Acoustical Wall Panels are the solution for areas that require noise reduction and are available in a variety of models for various applications. The barrier Wall Panel is manufactured specifically as a noise barrier/absorber panel that offers both superior absorption and noise blocking performance. Application for the barrier panels includes corporate offices, conference rooms, doctor’s offices, waiting rooms, classrooms and any area where speech privacy is a concern.

The Noise Barrier Wall Panels are the solution to speech privacy problems, providing clients the confidence that confidential conversations will not be overheard.

Barrier Panels are constructed using 2 layers of a 6-7# PCF rigid fiberglass core between a 1 lb per square foot non-reinforced loaded vinyl noise barrier. Panels are available in 1 1/8” and 2 1/8” thickness, with a maximum size up to 4’ X 10’ and may be finished in custom, designer or C.O.M. fabric.

Barrier Panels can be installed with impaling clips, top tooth and construction adhesive. Due to panel weight 2.5 lb per square foot, panels must be installed from floor to ceiling. Floor molding can be re-installed after installation of barrier panels.



Acoustical NRC Rating:

1 1/8”0.8 - 0.9
2 1/8”0.9 - 1.0

Fire Rating:

All components shall have a Class A fire rating per ASTM E-84

Acoustical STC Rating:

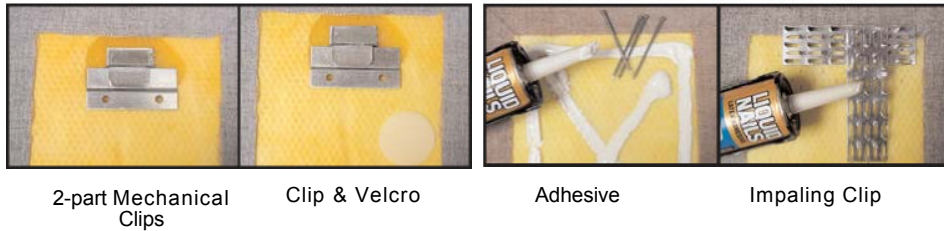
1 1/8”29(estimate)
2 1/8”30(estimate)

Noise Barrier Wall Panels

Finishes:

Guilford of Maine FR701 Style 2100 is standard. Hundreds of approved decorator fabrics are also available from numerous manufacturers including, but not limited to: Guilford of Maine, Deepa Textiles, Design Tex, Wolf Gordon, Momentum and Knoll. Customers may also specify their own fabric, provided the material meets manufacturing requirements.

Mounting:

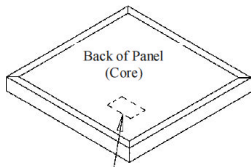


Edges:



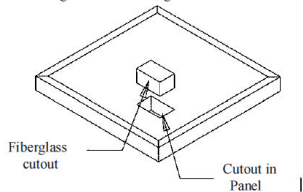
Box Hole Modification

1) Locate the position of the hole on the back of panel Use an outlet box as a template by pressing it into the fiberglass

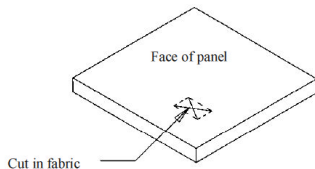


Location of outlet hole to be cut

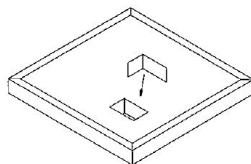
2) Cut the fiberglass out being careful not to cut through the fabric facing



3) Cut the fabric diagonally across the hole (in the shape of X)



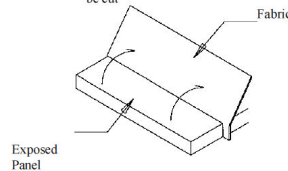
4) Adhere strip of fabric around the exposed edge of the hole before wrapping the excess fabric from the face around the edge to the back of panel



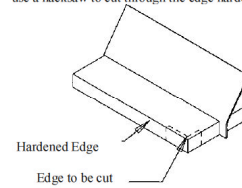
(Note: Cutting fabric diagonally and wrapping it around the edge will leave a void in the corner • thus the reason for the extra strip of fabric)

Edge Modification

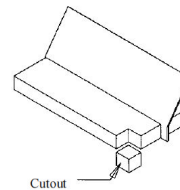
1) Peel back the fabric to the point where the panel needs to be cut



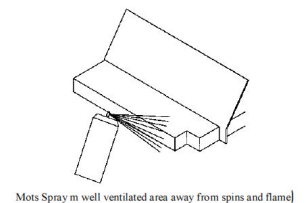
2) For edge cutouts, if the edges have been hardened, use a hacksaw to cut through the edge hardener



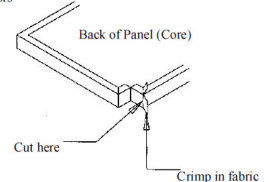
3) Cut through the balance of fiberglass with a long stainless steel kitchen knife (a bread knife works well)



4) Spray a light mist of adhesive spray (311 77) on face and around back



Crimp the excess fabric (at the corner) in a 45 degree to the corner (tightly) and snip off excess fabric with scissors



(Note: Do Not Overlap Fabric At All)