ArtUSA
Noise Control Products Inc.

Acoustical High Impact Wall Panels

- High-quality, economical, multi-purpose panels
- Excellent acoustical performance
- Class A fire rated
- Standard, designer or custom finishes

Acoustical Wall Panels by ArtUSA® are the solution for areas that require noise reduction and are available in a variety of models for various applications. The High Impact Wall Panel is manufactured to the highest standards and is specifically designed as an impact resistance absorber panel that offers both excellent absorption and high durability. Application for the High Impact panels includes schools, gymnasiums, corridors, offices, airports, churches, restaurants and any area where acoustics and impact resistance is required.

High-Impact Wall Panels are ideal for environments that combine the need for superior acoustical performance and resilience to high traffic areas. Hi Impact Panels are constructed using a 6-7# rigid fiberglass absorber core laminated to 16#-20# PCF high-impact underlayment. The edges are chemically hardened and are available in 4 edge profiles. Hi Impact panels are available in $\frac{5}{8}$", $1\frac{1}{8}$", $1\frac{5}{8}$" and $2\frac{1}{8}$" thickness.

These panels are available in standard or custom sizes (up to a maximum of 5' x 10') with custom, designer or C.O.M. fabric available.

High Impact panels are easily installed on walls or ceilings using mechanical clips, adhesive, or hook & loop. Consult with factory on the best-suited mounting for your specific application.

Acoustical NRC Rating:

$\frac{5}{8}$"	.0.60
$1\frac{1}{8}$"	.0.95
$2\frac{1}{8}$"	.1.05

Fire Rating:

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

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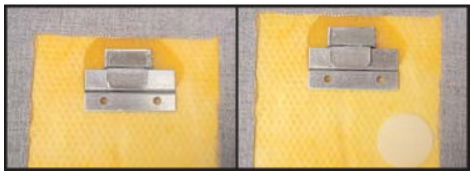
ArtUSA®
Architectural Products

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:



2-part Mechanical Clips

Clip & Velcro

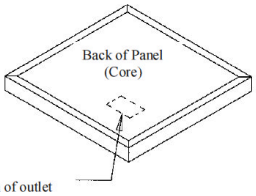
Adhesive

Impaling Clip

Edges:

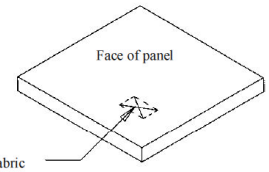
Box Hole Modification

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



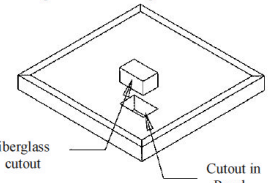
Location of outlet hole to be cut

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



Cut in fabric

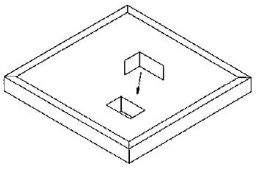
2) Cut the fiberglass out being careful not to cut through the fabric facing



Fiberglass cutout

Cutout in Panel

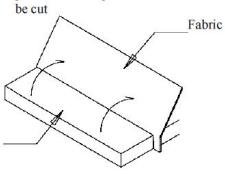
4) Adhere strip of fabric around the exposed edge of the hole before wrapping the excess fabric from the face around the edge to the back of panel



(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)

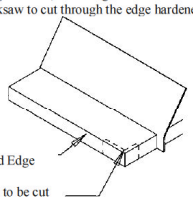
Edge Modification

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



Exposed Panel

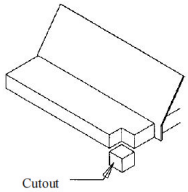
2) For edge cutouts, if the edges have been hardened, use a hacksaw to cut through the edge hardener



Hardened Edge

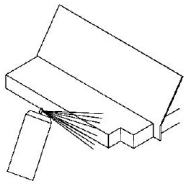
Edge to be cut

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



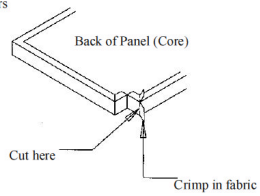
Cutout

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



Mots Spray m well ventilated area away from spins and flame

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



(Note: Do Not Overlap Fabric At All)