

**Tacwall®** or **Tacpanels** are acoustical panels that can be used for both flat and curved wall applications. A designer or architect must clearly specify curved installation, if required. **Tacwall®** is constructed of a lightweight mineral fiber board material. This product is a tackable panel with moderate sound absorption qualities when perforated mineral fiber board is specified. **Tacwall®** is an appropriate acoustical panel for walls, workstations, presentation and other areas where a tackable surface is of value. Each panel is fabric wrapped, returned on all four sides, having tailored corners, no exposed edges and may be mounted on virtually any surface.

## General Specifications:

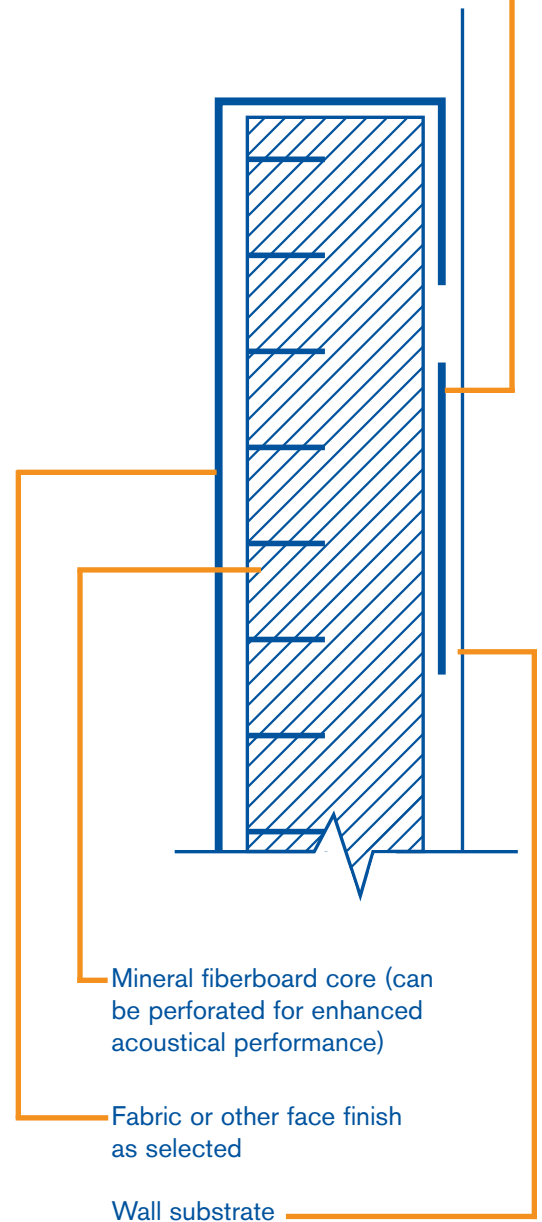
- Typical thickness: 3/8", 1/2", 3/4" (other sizes available)
- Cut to fit sizes: up to 48" x 120" (other sizes available)
- Mineral fiber board core density: varies with acoustical and tackable requirements
- Face finishes: fabrics, perforated or solid vinyl or customer's own material (C.O.M.). Finishes must be evaluated and approved by **Signature Craft**
- Installation methods: adhesive, hook and loop, or magnetic (*see Installation Instructions*) magnetic, hook and loop can be used on small panels only
- Edge details: square, eased, radius, or bevel
- Corner details: square, radius, trapezoidal, or bevel
- Shapes: can be custom shaped from artwork, or mosaics
- Flammability: all components ASTM E84 Class A rated (*representative assembly tests available upon request*)
- Mock-ups are recommended for proper production and installation tolerances and aesthetics (*see Installation Instructions*)
- Acoustical Performance: the Noise Reduction Control (N.R.C.) range: 0.20 ~ 0.50 (dependent upon fabric used, mineral fiber board thickness, density, perforation, and installation detail)

### Acoustical Performance

Thickness"	S.T.C rating	N.R.C
3/8"	24	0.25
1/2"	25	0.30 ~ 0.35

(Based on perforated product only)

Installation method  
(see Installation Instructions)



**Truetone®** panels are made to industry standard tolerances of +/- 1/16 inch for:

- Thickness
- Edge straightness
- Overall length and width
- Chords, radii and diameters
- Squareness from corner to corner

\*Heavy solid vinyls do not tailor well at the corners and many are not recommended by their manufacturer for this use.



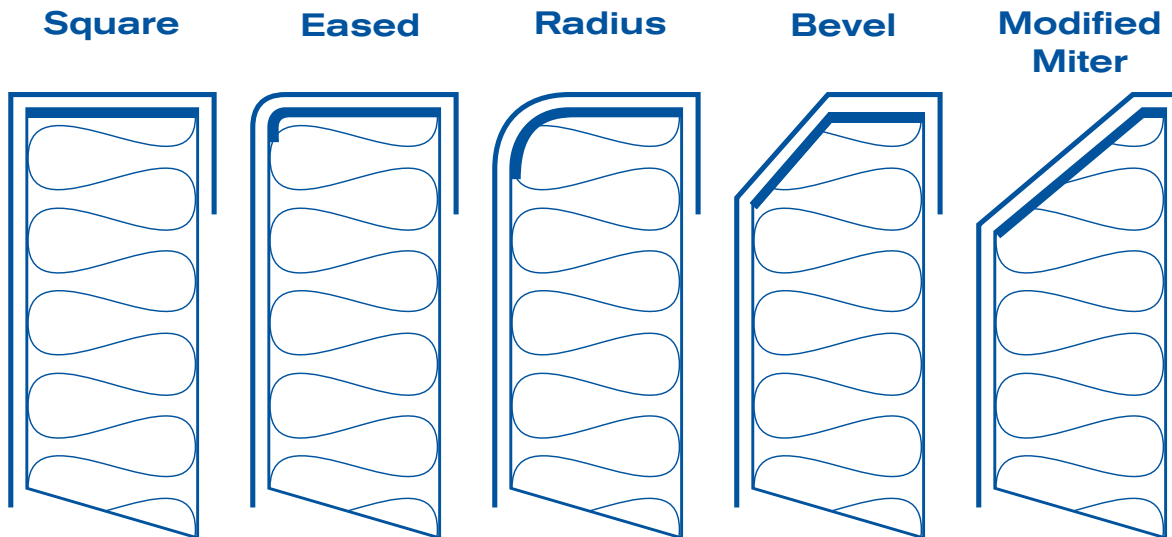
# Edge Details

**Truetone**® acoustical panels offer five different edges which allow you to achieve different and distinct looks. The five choices are; square, eased, radius, bevel, or modified miter. Square edges should be used when inconspicuous lines are desired. Eased, radius, bevel, or modified miter edges should be used when the lines are to be highlighted. Custom edges are available upon request and with **Signature Craft's** evaluation and approval.

## Notes:

- Edges can also be used to create a "border" effect. This look is achieved by using square edges where panels butt together and an eased, radius, bevel, or modified mitered edge around the perimeter
- Mitered edges must be modified to insure straightness and proper fit with adjoining work. Bevels are typically 1/4" or 1/2" proportional to thickness of core material
- Mock-ups under jobsite lighting and finish conditions are strongly recommended. Installation should not begin until product is acclimated to environment for 24 hours prior to installation

## Edge Details



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- Thickness
- Edge straightness
- Overall length and width
- Chords, radii and diameters
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# Corner Details

**Truetone®** and **Tacwall®** acoustical panels offer four different corner details, square, radius, trapezoidal, or bevel. Square corners are typical where butt joints are primarily used. Radius corners are typically used on stand alone panels. Trapezoidal corners allow for unique shapes and dynamic aesthetics. Beveled corners add dimension to any acoustical panel.

## Notes:

- Corners can create a “border” effect. This look is achieved by using square edges where panels butt together and a radius, or bevel corner around the perimeter
- Radius is typical of 2" (other radius by special order)
- Mock-ups under jobsite lighting and finish conditions are strongly recommended. Installation should not begin until product is acclimated to environment for 24 hours prior to installation

## Corner Details (Front View)

### Square Top Square Bottom



### Square Top Radius Bottom



### Radius Top Radius Bottom



### Trapezoidal



### Bevel Top Bevel Bottom

