

Truetone® baffles and clouds are acoustical panels constructed typically from 3 ~ 7 pcf density acoustical fiberglass board with excellent sound absorbing qualities. They are suspended from the ceiling vertically (baffles) or horizontally (clouds). Baffles and clouds can be any shape, multidimensional, and are used in areas needing additional sound control. Various construction techniques are possible including sewn baffle bags, or custom sewn shapes that also function as drapery or banners.

General Specifications:

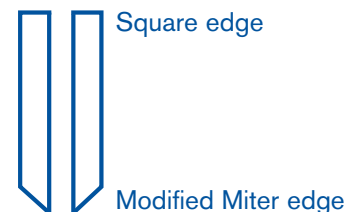
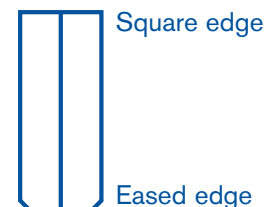
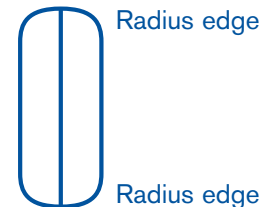
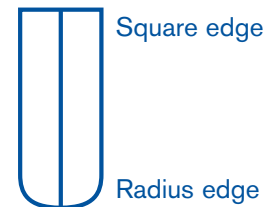
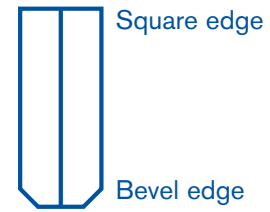
- Typical thickness: 1" ~ 4"
- Cut to fit sizes: up to 48" x 120", or larger if design is segmented (sewn drapery)
- Face finishes: fabrics, painted panel (**Chroma®**), perforated vinyl or customer's own material (C.O.M.). Finishes must be evaluated and approved by **Signature Craft**
- Installation methods: suspended, attached to eyebolt, or "T" screwed to a seismic class five imbedded mounting. Baffle bags and banners are grommeted
- Edge details: square, eased, radius, bevel, or modified miter
- Corner details: square, radius, trapezoidal, or bevel
- Shapes: can be custom shaped from artwork, or mosaics
- Edge treatment: reinforced with chemical hardeners, if required
- 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
- Acoustical Performance: dependent upon fabric used, fiberglass thickness, density, perforation and installation detail. We recommend consulting with an acoustical engineer for product and design specifications

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

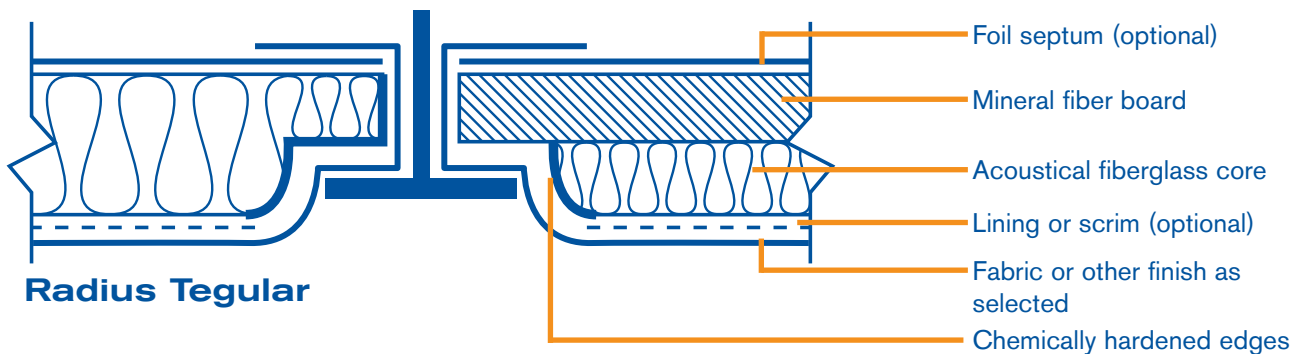
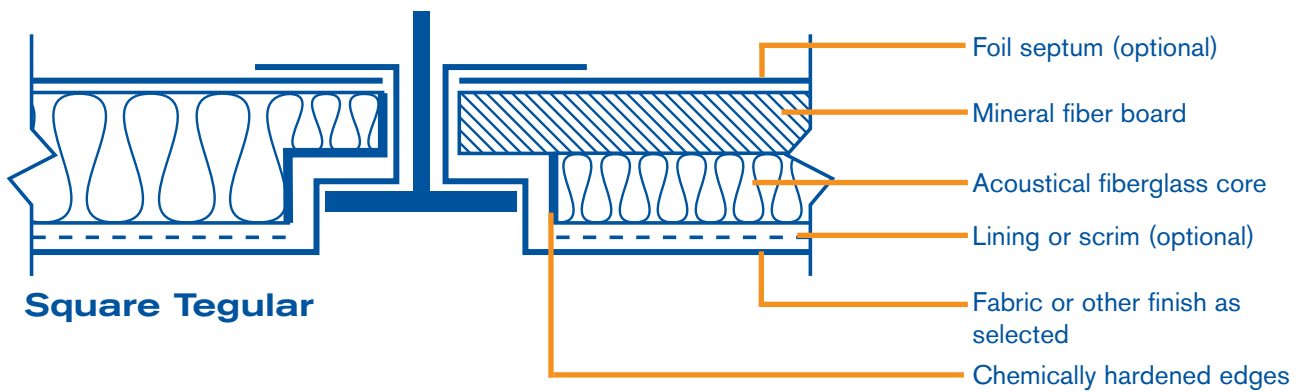
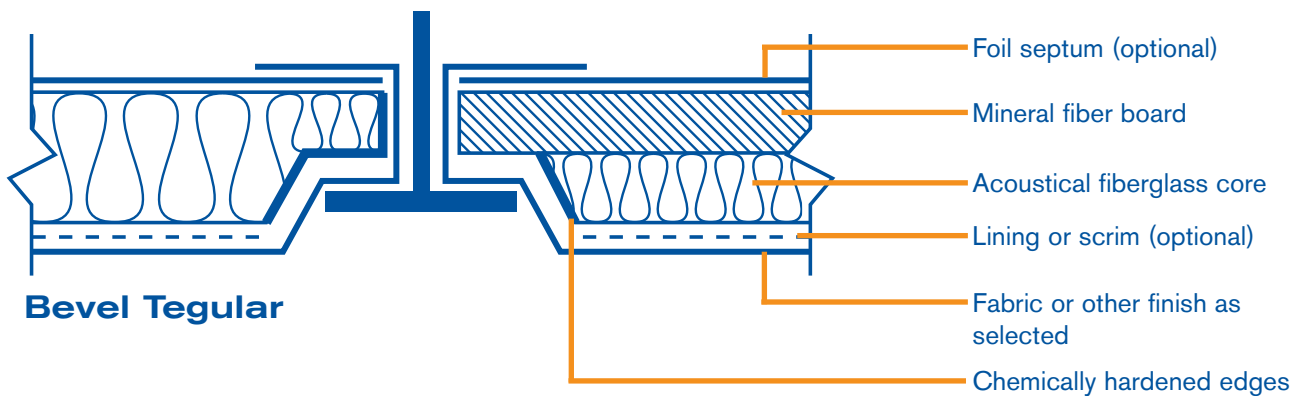
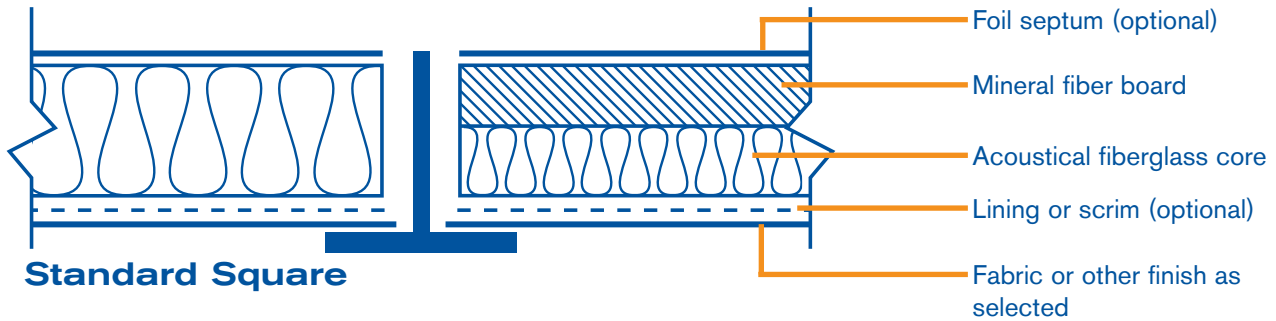
- Thickness
- Edge straightness
- Overall length and width
- Chords, radii and diameters
- Squareness from corner to corner

See Truetone Acoustical performance chart on page 12.

Side Views



Truetone® Lay in Acoustical Ceiling Panels



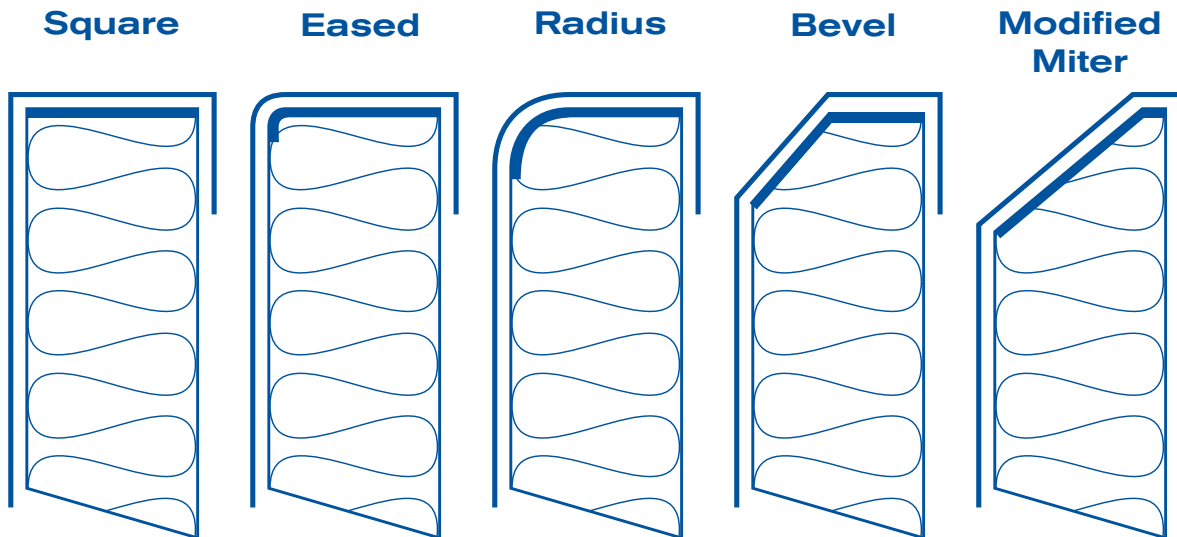
Edge Details

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



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

Corner Details

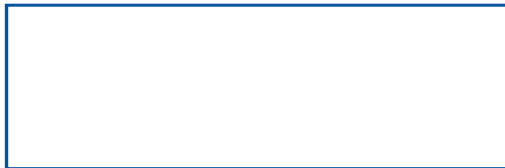
Truetone® and **Tacwall®** acoustical panels offer four different corner details, square, radius, trapezoidal, or bevel. Square corners are typical where butt joints are primarily used. Radius corners are typically used on stand alone panels. Trapezoidal corners allow for unique shapes and dynamic aesthetics.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

Notes:

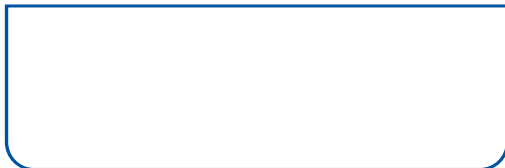
- Corners can create a “border” effect. This look is achieved by using square edges where panels butt together and a radius, or bevel corner around the perimeter
- Radius is typical of 2" (other radius by special order)
- Mock-ups under jobsite lighting and finish conditions are strongly recommended.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

Corner Details (Front View)

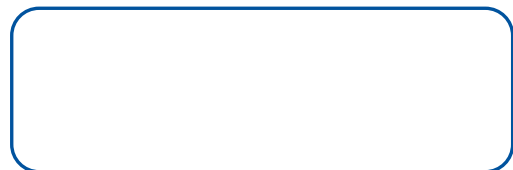
Square Top Square Bottom



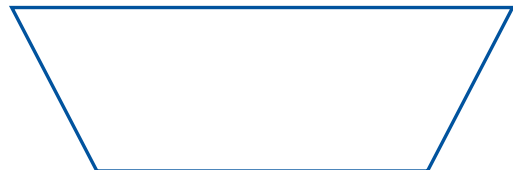
Square Top Radius Bottom



Radius Top Radius Bottom



Trapezoidal



Bevel Top Bevel Bottom

