



## FIRE PERFORMANCE

Components, with the exception of the MDO plywood have been tested according to ASTM E 84\* and have a Class I/A rating.

## WARRANTY (3-YEAR LIMITED)

Wedge Wall Panels have a limited 3-year warranty starting from date of shipment. The panels are warranted to be free from defects in material. See product warranty for details and limitations.

\* The ASTM E 84 standard should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment, which takes into account all of the factors, which are pertinent to an assessment of the fire hazard of a particular end use.

## APPLICATION

Conwed Designscape® Wedge Wall Panels are used for directed sound absorption or reflection combined with strong design elements. Product is suitable for theaters and other critical listening environments.

## CONSTRUCTION

The core construction is a 3/4" dimensionally stable 6-7 PCF fiberglass board attached at an angle to an medium density overlay (MDO) plywood backer and ribs, covered face and edges with a layer of 16-20 pcf molded fiberglass for absorption, the face is a 3/4" MDO plywood sheet. Finishes are completely adhered to the face of the panel and returned to the back for a full finished, fully tailored edge.

## SIZE AVAILABILITY

Maximum size is 16 square feet, with a maximum length of 8', and minimum width of 2'. Minimum depth is 1 1/2".

## EDGE DETAIL

All core edges are square and covered with 1/8" molded fiberglass.

## FINISH

A wide variety of fabrics are available from all major brands, including Guilford, Maharam, Knoll, Carnegie, and Designtex.

## MOUNTING

Standard mounting is Z-Clip to Z-Bar. Z-Bar to Z-Bar, or a combination of Z-Bar on the top, and VELCRO® on the bottom are also available.

## PART 1 GENERAL

- 1.1** Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2** The extent of the acoustical panels is shown on the drawings and in the schedules.
- 1.3** Submit \_\_\_\_\_ (select quantity) samples of each type of acoustical panel as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions. Submit \_\_\_\_\_ (select quantity) fabric selector cards from manufacturer's standard finishes, or designer specified finishes.
- 1.4** Acoustical panels shall be installed according to manufacturer's recommendations and instructions.
- 1.5** Installation of acoustical panels shall not begin until all wet work (plastering, concrete, etc.) is completed and dry. Building shall be properly enclosed and under standard occupancy conditions (temperature of 60-85°F and not more than 70% relative humidity) before installation begins.
- 1.6** The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.
- 1.7** Substitutions or changes will only be permitted by prior approval by the architect.

## PART 2 MATERIALS

- 2.1** Acoustical wall panels shall be: Wedge Wall Panels as manufactured by Conwed Designscape®
- 2.2** Wedge Panels shall be constructed of a composite core construction of dimensionally stable rigid fiberglass of 6-7 pcf density mounted to a ½" MDO backer. ⅜" molded fiberglass of 16-20 pcf density shall cover face and edges for absorptive panels, and ¼" unperforated copoly shall cover the face for reflective panels.
- 2.3** Sizes: \_\_\_\_\_ width and \_\_\_\_\_ high or as shown on drawings. Standard maximum size is 16 square feet, with lengths not exceeding 8', and widths not less than 2'. Custom smaller sizes available; consult manufacturer. Panels are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are ± 1/16" in width and length.
- 2.4** Edge profile shall be: Square. Corner detail shall be: Square. Edges will be covered with 1/8" molded fiberglass of 16-20 pcf density.
- 2.5** Panel finish shall be \_\_\_\_\_ (specify finish manufacturer, pattern, color and specifier). Finish shall be applied directly over the face and edges of the panel and returned to the back of the panel to provide a full finished edge. All corners are fully tailored.
- 2.6** Mounting shall be: Z-Clip to Wall Bar, Z-Clip to Double Wall Clip, Z-Bar to Z-Bar, Z-Clip / VELCRO® or custom \_\_\_\_\_ (specify). Adhesive, miscellaneous fasteners, (i.e. nails, screws, etc.) and standard continuous wall leveling angle are to be supplied by the contractor.
- 2.7** Flammability – All panel components shall have a Class "A" fire rating in accordance with ASTM E-84.

## Thank you for choosing Conwed Designscape® for your acoustical needs.

*The information provided above is correct to the best of our knowledge at time of printing. We reserve the right to make changes without prior notification.*

## ENVIRONMENTAL AND SUSTAINABILITY

Conwed Designscape is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Conwed Designscape is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at [www.conweddesignscape.com](http://www.conweddesignscape.com).

## NOTES

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via [www.conweddesignscape.com](http://www.conweddesignscape.com).

## DISCLAIMER OF LIABILITY

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Conwed Designscape makes no representation about, and is not responsible or liable for the accuracy or reliability of data associated with particular uses of any product described herein.



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