



APPLICATION

Conwed Designscape® Curved Reflective Ceiling Clouds are intended for commercial applications requiring strong design elements combined with acoustical reflection.

CONSTRUCTION

This curved panel features an external metal frame providing exact curvature for demanding applications, particularly where panels abut. Minimum Radius is 10'. Reflective panels are 3/4" MDO (Medium Density Overlay) plywood.

Panels are pre-wrapped with Class A-rated fabric, or can be provided with a gel-coat finish. Panel backs can be painted black, or lined with fiberglass for combined absorption. Finishes are completely adhered to the panel face and returned to the back for a full finished edge. All corners are fully tailored.

SIZE AVAILABILITY

Standard maximum size is 4'x 10'. Larger sizes are accomplished by ganging panels together. Reflective panels are 3/4".

EDGE DETAIL

Reflective edges are square. Built up edges (fabric only) are available to hide hardware, 3" maximum. Corners can be radiused.

FINISH

A wide variety of fabrics are available from all major brands, including Guilford, Maharam, Knoll, Carnegie, and Designtex. Gel-coat finish is also available on Reflective clouds.

MOUNTING

Standard mounting is direct attachment to the exposed metal frame. Self-drilling acoustical hangers are provided as shown for this purpose. Joining plates for abutting panels are provided for use with our proprietary joining and leveling system.

EXCELLENT ACOUSTICAL PERFORMANCE

Curved Reflective Ceiling Clouds provide excellent sound reflection. Use in conjunction with Curved Absorptive Ceiling Clouds or other fine absorptive products if required!

FIRE PERFORMANCE

Reflective Cloud components, other than the MDO Plywood have been tested according to ASTM E 84* and have a Class I/A rating.

WARRANTY (3-YEAR LIMITED)

Curved Reflective Ceiling Clouds 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.

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 ceiling panels shall be: Curved Reflective Ceiling Clouds as manufactured by Conwed Designscape.
- 2.2** Acoustical Panels shall be constructed of ¾" MDO (Medium Density Overlay) plywood backed by 1" x 1" pre-curved metal ribs.
- 2.3** Sizes: _____ width and _____ high or as shown on drawings. Standard maximum size is 48" wide x 96" high (nominal). Custom or larger 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, radius, full bevel, halfbevel, miter, or custom _____ (specify). Corner detail shall be: Square, radius or custom _____ (specify).
- 2.5** Panel finish shall be gel-coat or _____ (specify finish manufacturer, pattern, color and specifier). Finish shall be applied directly over the face and edges and returned to the back to provide a full finished edge. All corners are fully tailored.
- 2.6** Standard mountings shall be direct attachment to the exposed metal frame with self-drilling acoustical hangers (supplied) or custom _____ (specify). Adhesive and miscellaneous fasteners, (i.e. nails, screws, etc are to be supplied by the contractor.
- 2.7** Acoustical Performance – panels shall have a minimum NRC of _____ (please specify) in accordance with ASTM C-423 (Type "A" Mounting).
- 2.8** Flammability – All panel components shall have a Class "A" fire rating in accordance with ASTM E84.

**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.

NOTES

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via 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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