



SPEC DATA SHEET # OX-420

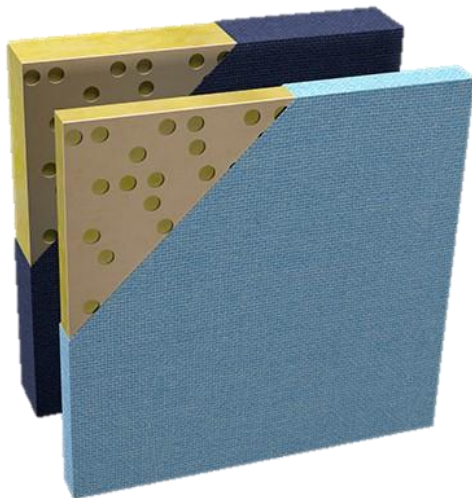
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OX-420 TUNED ABSORBER/ DIFFUSER PANEL

Oeler OX-420 Tuned Absorber/ Diffuser Panel by Oelex Inc., with its impressive blend of sound absorption and sound diffusion, is a prime choice for schools, auditoriums, studios and performance halls. It is the first panel in the Sound Seal Sound Quality line that can effectively scatter sound throughout space as well as offer excellent sound absorption across a wide range of frequencies for proper room tuning.

Constructed of a fiberglass core that can vary from 1" thick up to 4" thick along with a perforated 1/8" thick hardboard, OX-420 Tuned Absorber/Diffuser Panels are available in standard sizes in two-foot increments up to 4 ft. x 10 ft. with custom size offerings also available.

Highly customizable, the panels can be finished in an extensive array of fabric choice options from leading manufacturers and likewise affording mounting flexibility, working equally effectively with impaling clips, Z Clips or Rotofast hardware.



FEATURES:

- Standard sizes in 2 foot increments up to 4 ft. x 10 ft.
- Additional custom sizes available
- Excellent low & mid-range frequency absorption
- Various mounting options
- Chemically hardened edges





Intelligent Acoustic Solutions

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FINISHES:

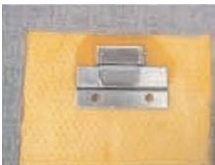
Guilford of Maine FR701 Style 2100 is the industry standard. Hundreds of approved decorative fabrics are also available from numerous manufacturers including, but not limited to: Guilford of Maine, Maharam, Design Tex and Knoll. Customers may also specify their own fabric, provided the material meets manufacturing requirements.

ACOUSTICAL PERFORMANCE:

1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies

Thickness	125	250	500	1K	2K	4K	NRC
1-1/8"	0.09	0.56	0.99	1.02	0.76	0.52	0.85
2-1/8"	0.51	0.99	1.09	1.05	0.81	0.57	1.00

MOUNTING OPTIONS:



2-PART MECHANICAL CLIPS



CLIP & VELCRO



IMPALING CLIP

SIZING:

Any size up to 4'x10'.

EDGE DETAILS:

- Square
- Bevel
- Radius
- Pencil

APPLICATIONS:

- Schools/Classrooms
- Auditoriums
- Media & Multi-Purpose Rooms
- Churches
- Home Theaters
- Pro Theaters
- Performance Halls
- Band & Choir Rooms
- Studios

THICKNESS:

Available in 1-1/8", 2-1/8", 3-1/8" and 4-1/8" thicknesses.

SPECIFICATIONS:

Specifications can be downloaded from our website <https://www.oeler.com/resources/datasheets/> or call us at (412) 884-3000.

