

WALL PANELS
O-X420
TUNED
WALL PANELS



- ◆ **High-impact, abuse-resistant**
- ◆ **Sound reduction tuned specifically to speech frequencies**
- ◆ **Class A fire rated**
- ◆ **Standard, designer or C.O.M. fabric**

Oelex Acoustical Wall Panels by Oeler Industries Incorporated are the solution for areas that require noise reduction and are available in a variety of models for various applications. The O-X420 Tuned Wall Panel is manufactured to the highest quality standards and is specifically designed as an absorber/dif-fuser panel that offers both excellent absorption and diffusion. Applications for the O-X420 panels include schools, gymnasiums, corridors, offices, airports, churches, restaurants and any areas where excellent absorption at speech frequencies is required.

The O-X420 Tuned Wall Panels are ideal for environments where a typical broad band absorber would create a “dead” space. The tuned panel has high absorption values at mid-range or speech pattern frequencies and lower absorption coefficients both at the low end and high end octave bands. This allows for excellent speech intelligibility while still allowing the space to have an acoustically “live” sound. This is the perfect panel where excellent “Sound Quality” is required.

Typically constructed of 6-7 PCF fiberglass laminated to a ¼” thick perforated hardboard layer, the edges are chemically hardened and are available in four different profiles. Standard thickness would be ¾” 1¼”, 2¼” and 4¼”.

Installation is achieved by means of mechanical clips, adhesive hook and loop, or mechanical fastener. Consult with manufacturer for the best-suite mounting method for your specific application.

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Finishes

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

Mounting Options



2-part
Mechanical
Clips

Clip & Velcro



Adhesive

Impaling Clip

Acoustical

NRC Rating

3/4"0.65
1 1/4"0.80
2 1/4"0.90
4 1/4"1.10

Test data available upon request

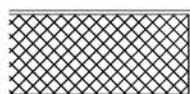
Fire Rating

All components shall have a Class A fire rating per ASTM E-84.

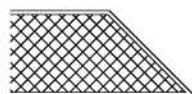
Specifications

Specifications can be downloaded from our website www.oeler.com/specs.html or call us at 1-877-406-6473.

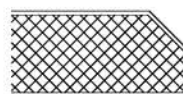
Edge Detail



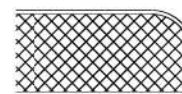
Square



Mitre



Bevel



Radius