



SPEC DATA SHEET # OX-TONEWOOD-400

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TONewood 400

The Oelex ToneWood-400 by Oeler Industries, Inc. features a genuine wood veneered lay-in tegular edge panel designed for installation in a 15/16" or 9/16" T-grid. ToneWood Basic is produced with a natural finish by applying two coats of a clear UV-polyacrylate lacquer.

Custom staining is available, as well as the 24 standard and 40 custom veneers that are offered. State-of-the-art CNC machinery produces specified perforations or slots to achieve optimum acoustical results. Where design dictates non-perforated, reflective panels are also available.



FEATURES:

- Class A fire rated, CARB2
- MDF Core
- Standard sizes of 2'x2' | 2'x4' | 1'x6'
- Custom sizes available
- Custom edge detail available for compatibility with non-standard grids.

SPECIFICATIONS:

Specifications can be downloaded from our website

<https://www.oeler.com/resources/datasheets/>

or call us at (412) 884-3000.





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**SOUND ABSORPTION DATA:
Frequencies (Hz)**

Perforation % of Openings	125	250	500	1000	2000	4000	NRC
7.2% Open	0.29	0.58	0.55	0.51	0.48	0.53	0.55
18% Open	0.13	0.34	1.15	1.08	0.55	0.53	0.80
24% Open	0.27	0.81	0.78	0.95	0.96	0.93	0.90

*Acoustics is determined based upon % of opening in face of wood. Consult factory for availability.

TYPICAL VENEER SELECTION:

Afzelia	Black Walnut	Khaya Mahogany
African Oak	Carolina Pine	Maple
American Oak	Cedar	Oregon Pine
Anigre	Cherry	Padouk
Ash	Conga Walnut	Pear
Beech Steamed	Elm	Rosewood
Beech Unsteamed	European Oak	Sapeli Mahogany
Birds-Eye Maple	Koto	Teak

*Other veneers available upon request.

CUSTOM SPECIFICATIONS: SECTION 09570 - WOOD WALL PANELS

PART 1 - GENERAL

- 1.1 Scope - The work consists of furnishing all material, labor, and accessories necessary to install ToneWood-400 Acoustical Wood Systems specified herein.
- 1.2 Delivery and Storage - All material shall be delivered in their original unopened cartons and stored in an enclosed area providing protection from damage and exposure to the elements. Prior to installation, panels shall be acclimated for 72 hours at the temperature and humidity conditions during installation and occupancy.

PART 2 - MATERIAL

- 2.1 Material
- 2.2 ToneWood-400 Acoustical Wood Systems as manufactured by Sound Seal, P.O. Box 545, Agawam, MA 01001. Phone: 1-800-569-1294 Fax: 413-789-4444
- 2.3 Panels shall be ToneWood Basic for Walls/Ceilings and be 17mm thick MDF with blind veneer backer, sized as noted.
- 2.4 ToneWood-400 panels shall be available in first quality select veneer from over 64 species. Available with special staining and lacquering to match architects samples.
- 2.5 ToneWood-400 panels shall be constructed using fire rated components meeting or exceeding the requirements of the ATSM E-84 Class ____ (A,B,C) Flame Spread: (A) 25 or less, (B) 26 - 27, (C) 76 to 200 Smoke Developed: 450 or less.
- 2.6 ToneWood Custom panels shall have a minimum NRC rating of ____ with perforation pattern # ____, and an open area of ____%.
- 2.7 ToneWood-400 panels can be installed by means of several different systems to suit your needs.

PART 3 - EXECUTION

- 3.1 Installation
- 3.2 ToneWood-400 panels shall be installed as shown on interior elevation drawings and indicated on room finish schedule.
- 3.3 ToneWood-400 panel installation shall not begin until all wet work is completed and panels have been allowed to acclimate for 72 hours. The installation contractor shall have at least 5 years of successful experience in this class of work. All ToneWood-400 panels shall be properly installed and free from dirt, dust, grease, oils, and fingerprints by wiping clean the surface with furniture polish.

