



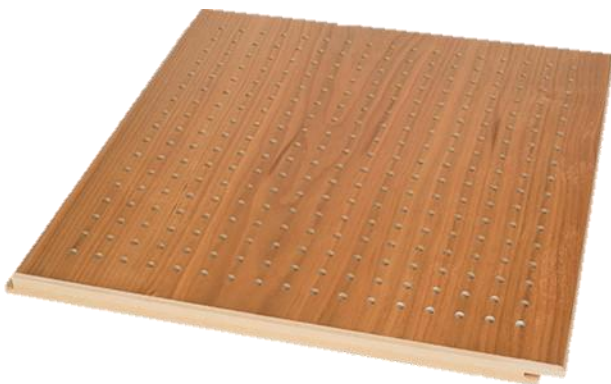
## SPEC DATA SHEET # OX-TONEWOOD-410

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# TONewood 410

The Oelex ToneWood-410 by Oeler Industries, Inc. features a genuine wood veneered concealed grid ceiling panel system. Installed on typical z-bar, ToneWood-410 provides for a continuous ceiling with panels defined by a small 2mm bevel on all edges. This system can be designed to complement casework, doors, and even furniture.

Custom staining is available, as well as the 24 standard and 40 custom veneers that are offered. State of the art CNC machinery produces the selection of perforation, slot, or groove patterns that achieve NRC values as high as .90. Where design dictates non-perforated, reflective panels are also available.



## FEATURES:

- Class A fire-rated composites available
- NRC values as high as .90
- MDF, Chipboard, or plywood substrates
- Standard sizes 2' x 2', 2' x 4', 1' x 6'
- Custom sizes available





Intelligent Acoustic Solutions

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SOUND ABSORPTION DATA:
Frequencies (Hz)

Table with columns: Perforation % of Openings, 125, 250, 500, 1000, 2000, 4000, NRC. Rows: 7.2% Open, 18% Open, 24% Open.

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

TYPICAL VENEER 410ION:

Table listing wood species: Afzelia, African Oak, American Oak, Anigre, Ash, Beech Steamed, Beech Unsteamed, Birds-Eye Maple, Black Walnut, Carolina Pine, Cedar, Cherry, Conga Walnut, Elm, European Oak, Koto, Khaya Mahogany, Maple, Oregon Pine, Padouk, Pear, Rosewood, Sapeli Mahogany, 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 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 Acoustical Wood Systems as manufactured by Oeler Industries, Inc., 4700 Clairton Blvd., Pittsburgh, PA 15236, Phone: 412-884-3000 Fax: 412-884-3300
2.3 Panels shall be ToneWood-410 and be 2' x 2', 2' x 4', 1' x 6' or custom. 2.4 ToneWood-410 Panels shall be available in first quality 410 veneer from standard 410ion of 24 wood species plus 40 additional species available with special staining and lacquering to match architects samples.
2.5 ToneWood-410 panels shall be constructed using fire rated components meeting or exceeding the requirements of the ASTM E-84 Class (A,B,C) Flame Spread: (A) 25 or less, (B) 26 to 75, (C)76-200 Smoke Developed: 450 or less. 2.6 ToneWood-410 panels shall have an NRC rating of with perforation pattern # and an open area of %.
2.7 ToneWood-410 panels shall be installed by means of "drop-in" mounting on intermediate duty Z bar.

PART 3 - EXECUTION

- 3.1 Installation 3.2 ToneWood-410 Panels shall be installed as shown on reflected ceiling plans and indicated on room finish schedule. 3.3 Panel installation shall not begin until all wet work is completed and panels have allowed to acclimate for 72 hours. The installation contractor shall have at least five years of experience in this class of work. All panels shall be properly installed and free from dirt, dust, grease, oils and fingerprints by wiping clean the surface with furniture polish.

