



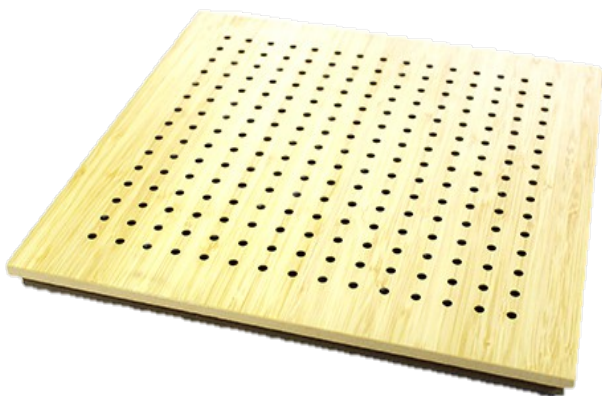
SPEC DATA SHEET # OX-ToneWood-420

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TONewood-420

Oelex ToneWood-420 by Oeler Industries, Inc. is a genuine wood veneered ceiling panel system that installs easily into a standard 15/16" T-grid, leaving a 3/8" pencil line reveal between panels.

This system is built on an MDF, chipboard, or plywood core with a veneer thickness of .6 mm. Unique compression spring technology allows for zero clearance above the grid and easy accessibility through any field panel. Standard sizes available are 24" x 24", 24" x 48", and 12" x 72". Available in 24 standard and 40 custom veneers.



FEATURES:

- Class A fire-rated composites available
- NRC values as high as .90
- MDF, chipboard, or plywood substrates
- Custom plank sizes are available
- Standard sizes of 2'x2' | 2'x4' | 1'x6'

SPECIFICATIONS:

Specifications can be downloaded from our website

<https://www.oeler.com/resources/datasheet/s/>

or call us at (412) 884-3000.





Intelligent Acoustic Solutions

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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	Sapeli Mahogany
Beech Unsteamed	European Oak	Teak
Birds-Eye Maple	Koto	

*Other veneers available upon request.

OX-ToneWood-420 SPECIFICATIONS: SECTION 09570 - WOOD CEILINGS

PART 1 - GENERAL

1.1 Scope - The work consists of furnishing all material, labor, and accessories necessary to install Oelex Tone Wood-410 specified herein. 1.2 Delivery and Storage - All materials shall be delivered in their original unopened cartons and stored in an enclosed area protecting from damage and exposure to the elements. Before 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 Oelex Tone Wood-420 as manufactured by Oeler Industries, Inc. 4700 Clairton Blvd., Pittsburgh, PA 15236. Phone: (412) 884-3300 Fax: (412) 884.3300 2.3 Panels shall be Tone Wood-410 and be supplied in sizes of 2'x2', 2'x4', 1'x4' or custom _____ 2.4 Tone Wood-420 panels shall be available in first quality select veneer from a standard selection of 24 wood species, plus 40 additional species; available with special staining and lacquering to match architects' samples. 2.5 Tone Wood-410 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 to 75, (C) 76 to 200 Smoke Developed: 450 or less. 2.6 Tone Wood-420 panels shall have a minimum NRC rating of _____ with perforation pattern # _____, and an open area of _____%. 2.7 Tone Wood-420 panels shall be installed using compression springs on an intermediate-duty 15/16 T-grid. The panels are to be supplied with factory-installed compression springs.

PART 3 EXECUTION

3.1 Installation 3.2 Tone Wood-420 panels shall be installed as shown on reflected ceiling plans and indicated on the room finish schedule. 3.3 Tone Wood-420 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 the installation of products with similar requirements to this product. All Tone Wood-40 panels shall be properly installed and free from dirt, dust, grease, oils, and fingerprints by wiping the surface with furniture polish.

