

WoodTrends Timbre

WoodTrends Timbre features a genuine wood plank style wall or ceiling treatment utilizing a channeled chipboard core. Acoustic results will depend on the number of channels relieved by grooves. **Timbre** is built on a 24mm or 31mm thick core material with a veneer thickness of .6mm and is finished with 2 coats of a UV-polyacrylate lacquer. An overlap edge configuration provides a monolithic finished look. Method of installation is by gluing and nailing to furring strips. Available in 24 standard and 40 custom veneers.



- ◆ Acoustical Wood for Walls & Ceilings
- ◆ Class A fire-rated composites available
- ◆ NRC values as high as .85
- ◆ Plank style system
- ◆ Standard size planks 23.6" wide by 98" and 102" long



WoodTrends Timbre

Acoustical:

SOUND ABSORPTION DATA							
Frequencies (Hz)							
Timbre Model #	125	250	500	1000	2000	4000	NRC
24/2 closed	0.07	0.17	0.33	0.37	0.71	0.63	.40
31/1 closed	0.07	0.16	0.35	0.51	0.80	0.28	.45
24/2 open	0.11	0.61	1.06	0.55	0.61	0.66	.70
31/1 open	0.12	0.64	1.10	0.73	0.96	0.40	.85

Specification:

Part I General

1.1 Scope - The work consists of furnishing all material, labor and accessories necessary to install WoodTrends 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 II Material

2.1 Material

2.2 WoodTrends Acoustical Wood Systems as manufactured by Sound Seal, P.O. Box 545, Agawam, MA 01001. Phone: 800-569-1294 Fax: 413-789-4444

2.3 Panels shall be WoodTrends Timbre and be supplied in plank sizes of 23.6" wide x 98" & 102" long by 24 mm or 31 mm thick

2.4 WoodTrends Timbre Planks shall be available in first quality select veneer from standard selection of 24 wood species plus 40 additional species available with special staining and lacquering to match architects samples.

2.5 WoodTrends Timbre Planks 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 WoodTrends Timbre Planks shall have a minimum NRC rating of (0.40, 0.45, 0.80, 0.85) when tested in accordance with ASTM C-423.

2.7 WoodTrends Timbre Planks shall be installed by means of tongue and groove connection on hardwood or metal furring. The planks are to be glued and staple with nails to the furring on distances no greater than 24" centers.

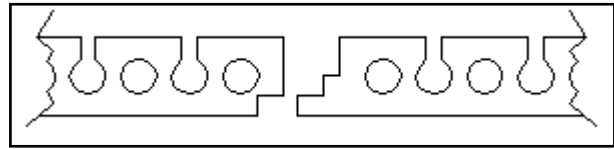
Part III Execution

3.1 Installation

3.2 WoodTrends Timbre Planks shall be installed as shown on interior elevation drawings or reflected ceiling plans and indicated on room finish schedule.

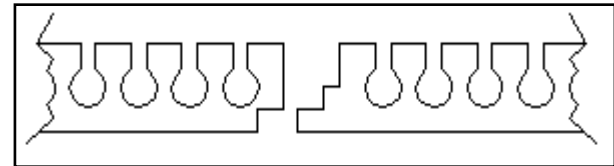
3.3 Panel installation shall not begin until all wet work is completed and panels have allowed to acclimate for 72 hours. The installation contractor shall have at least five years of experience in this class of work. All panels shall be properly installed and free from dirt, dust, grease, oils and fingerprints by wiping clean the surface with furniture polish.

Mounting Detail:



TIMBRE 24/2

- ◆ 4 mm groove 33 mm apart
- ◆ 23.6" wide plank
- ◆ standard length 102"



TIMBRE 31/1

- ◆ 4 mm groove 23 mm apart
- ◆ 23.6" wide standard plank
- ◆ standard length 98"

Veneer Selection

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



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