



Alto

ACOUSTICAL WOOD COLLECTION

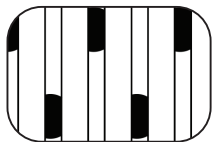
ALTO ACOUSTICAL WOOD FEATURES A GROOVED SURFACE WITH TWO SPACING OPTIONS. BEHIND THE GROOVES, VISUALLY-SUBTLE OPENINGS ALLOW SOUND ENERGY TO PASS THROUGH THE WOOD AND BE ABSORBED BY HIDDEN ACOUSTICAL MATERIALS.

Select the desired finish and then choose 7-9/16" wide planks or panels up to 4' x 8' to customize the look of the project.

The **Kinetics' Acoustical Wood Collection** enables designers to create beautiful auditoriums, atriums, conference rooms, courthouses and student centers finished in wood while providing acoustic function and comfort.

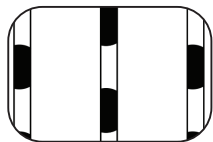
- Use on walls or ceilings
- Groove pattern can be run to the edge creating a seamless look
- Two standard groove spacings are available:

Alto 8



8 mm groove spacing

Alto 16



16 mm groove spacing

SPECIFIABLE OPTIONS

- Field fabrication planks or panels
- Pre-fabricated ready-to-hang ensemble
- Groove spacing
- Veneer or laminate
- Edge finish
- Fire rated or non-fire rated core
- FSC® certification available upon request

Alto / Acoustical Wood Collection

SOUND ABSORPTION

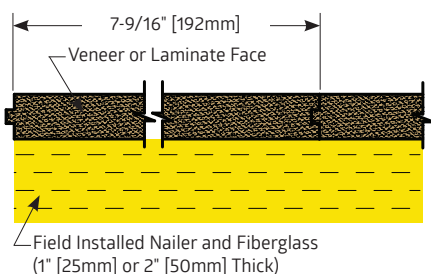
| Frequency (Hz) | Bass | | | | | Mid Range | | | | | | | | Treble | | | | | NRC |
|--------------------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|--------|------|------|------|------|-------------|
| | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | |
| Alto 8 1" FG | 0.18 | 0.19 | 0.22 | 0.28 | 0.41 | 0.61 | 0.76 | 1.00 | 1.09 | 1.11 | 0.95 | 0.72 | 0.54 | 0.44 | 0.42 | 0.42 | 0.49 | 0.71 | 0.70 |
| Alto 8 2" FG | 0.34 | 0.33 | 0.48 | 0.67 | 0.98 | 1.26 | 1.34 | 1.26 | 1.13 | 0.98 | 0.84 | 0.71 | 0.60 | 0.55 | 0.56 | 0.56 | 0.59 | 0.72 | 0.90 |
| Alto 8 E-400 2" FG | 0.96 | 0.84 | 0.79 | 0.91 | 1.01 | 1.02 | 1.02 | 1.11 | 1.12 | 1.04 | 0.93 | 0.85 | 0.70 | 0.62 | 0.59 | 0.59 | 0.66 | 0.78 | 0.90 |
| Alto 16 1" FG | 0.10 | 0.17 | 0.27 | 0.40 | 0.54 | 0.69 | 0.83 | 0.93 | 0.98 | 1.00 | 0.97 | 0.92 | 0.88 | 0.77 | 0.70 | 0.66 | 0.64 | 0.67 | 0.80 |
| Alto 16 2" FG | 0.33 | 0.43 | 0.71 | 0.82 | 0.99 | 1.00 | 1.02 | 0.95 | 0.94 | 0.91 | 0.86 | 0.81 | 0.81 | 0.78 | 0.74 | 0.70 | 0.73 | 0.74 | 0.90 |
| Alto 16 E-400* | 0.68 | 0.73 | 0.80 | 0.80 | 0.88 | 0.80 | 0.73 | 0.65 | 0.75 | 0.72 | 0.67 | 0.69 | 0.68 | 0.68 | 0.67 | 0.67 | 0.69 | 0.66 | 0.70 |

*Tested without fiberglass backer · FG = Fiberglass absorptive core · Noise Reduction Coefficient (NRC) frequencies shown in blue

CONFIGURATIONS

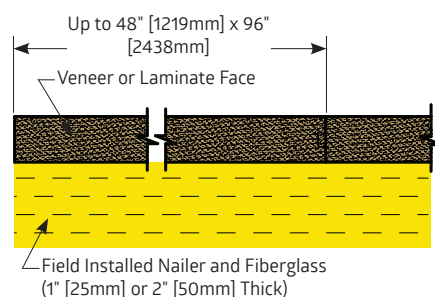
Planks

Alto tongue and groove planks create a hardwood floor-like appearance. Planks are easily field cut and nailed in place around doors, windows, and other architectural features.



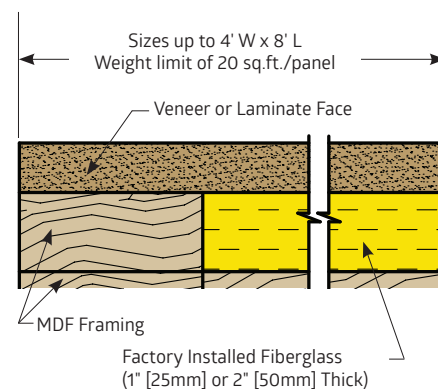
Panels

Alto panels are hung on z-clips and can be custom sized to your dimensions.



Ensemble

Ensemble arrives as a ready to hang panel complete with fiberglass and frame.



WOOD OPTIONS

| Veneer | Core | Matching | Cuts | Finish | Edges |
|---|----------------------|----------|----------------------|-----------------------|-----------------|
| Maple* | MDF* | Random* | Plain Sliced (flat)* | Clearcoat (38 sheen)* | Bare MDF* |
| Cherry* | Fire Rated NAUF-MDF* | Book | Quarter | Laminate | Stain / Painted |
| Oak* | NAUF-MDF | Slip | Rift | Paint | Edge Banded |
| Walnut* | FR Particleboard | Sequence | Rotary | Unfinished** | Trim Pieces |
| Birch* | CARB.2 | | | | |
| Mahogany* | | | | | |
| Custom | | | | | |
| FSC® Certification Available | | | | | |
| *Select for shortest lead time and/or cost savings **To be finished in the field if matching other wood | | | | | |

Wood Notes:

The beauty of wood is that it varies in color, grain pattern, and overall appearance and texture. Wood products are hydroscopic and therefore will shrink and expand with changes in humidity.