

Aoudi Linear

Wood

When looking for modern wood surface-materials, don't walk the plank, use planks! Pre-built in 3 panel sections, planks are perfect for large areas or accents. Get all the sound absorbing properties of acoustic panels with the appearance of wood! Unlike most other wood acoustics, the panels themselves reduce noise without the need for extra materials and ugly large holes drilled or routed into the wood. And if that's not enough, planks are easier on the wallet and the planet.

Say bye-bye to fiberboard.

Welcome to the next generation of wood panels. The noise canceling acoustic core adds function, updated materials are eco-friendly and dramatically reduce weight, and installation is simpler. Only the great look of the old panels remains.

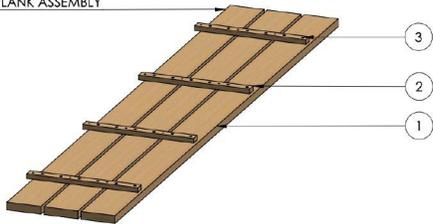
Specifications

Product Name	Aoudi Linear
Lead Times	10 weeks
Content	6–7lb Fiberglass Board, 0.2mm Wood Veneer
Thickness	1.25”
Width	Section: 18.5”, Planks: 5.5”, Reveals: .5”
Length	95.75” and 47.75”
Weight	1.5 lbs per sq ft
Edge	Square and Edgebanded
Sound Performance	ASTM C423-17 NRC: .83
Fire Performance	Class B
Variations	Slight and consistent variations in color and woodgrain should be expected when using this material. Slight imperfections are within normal manufacturing tolerances and not visible in standard installations.
Environmental	Panels consume a quarter of the natural resources and have a dramatically lower carbon footprint compared to equivalent millwork.
Maintenance	Vacuum to remove any loose dirt or dust. A damp cloth or compressed air can also be used to dust the material in difficult or large installations. If stains are present, you may saturate a lint-free cloth with a soap and water solution or Murphy’s Oil soap.
Warranty	5 years
Unit of Sale	Per Unit

Hardware & Installation

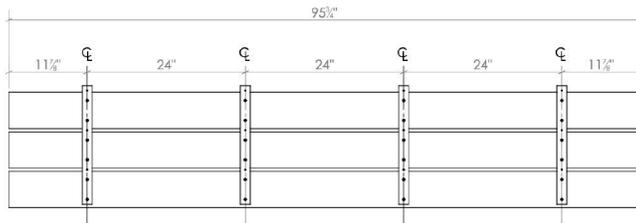


SINGLE PLANK ASSEMBLY



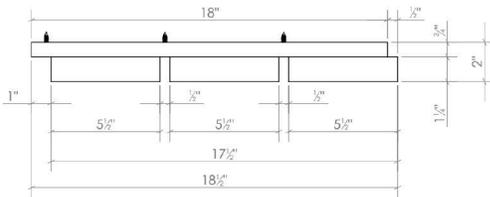
PLANKS w/ BACKER BOARDS - DIMETRIC

- SINGLE ASSEMBLY



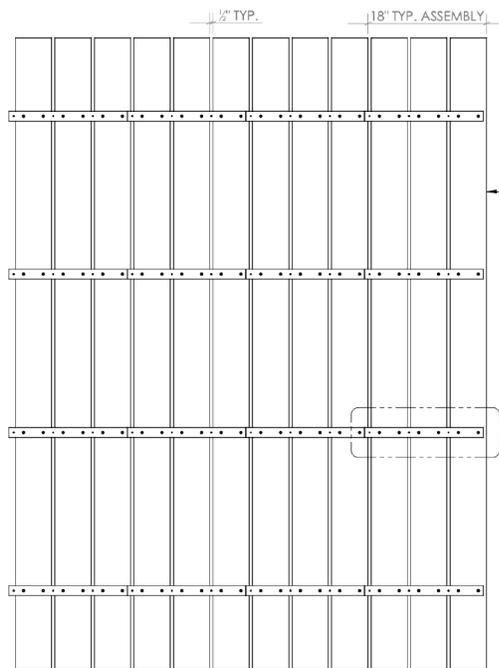
PLANKS w/ BACKER BOARDS - PLAN

- SINGLE ASSEMBLY



PLANKS w/ BACKER BOARDS - ELEVATION

- SINGLE ASSEMBLY
- SCALE - 1:4

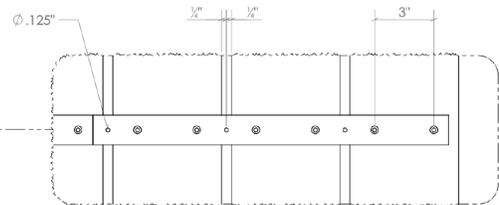


PLANKS w/ BACKER BOARDS - PLAN

INSTALLATION NOTE:

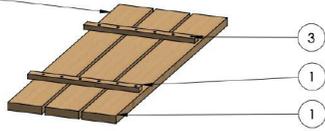
- 1/2" CEILING GRID - ATTACHED ALONG BACKERS
- DRYWALL - 3 ATTACHMENT POINTS (PER BACKER), BETWEEN PLANKS
- 1 1/2" SELF TAPPING SCREWS
- 1/2" REVEAL END TO END

4 PLANK ASSEMBLIES



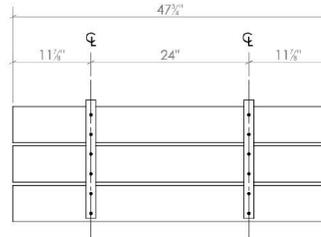
Hardware & Installation

48" SINGLE PLANK ASSEMBLY



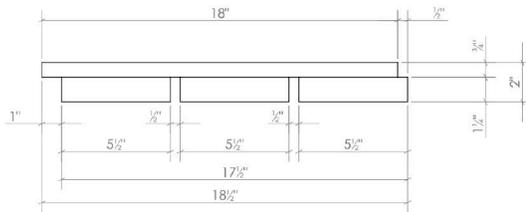
48" PLANKS w/ BACKER BOARDS - DIMETRIC

- SINGLE ASSEMBLY



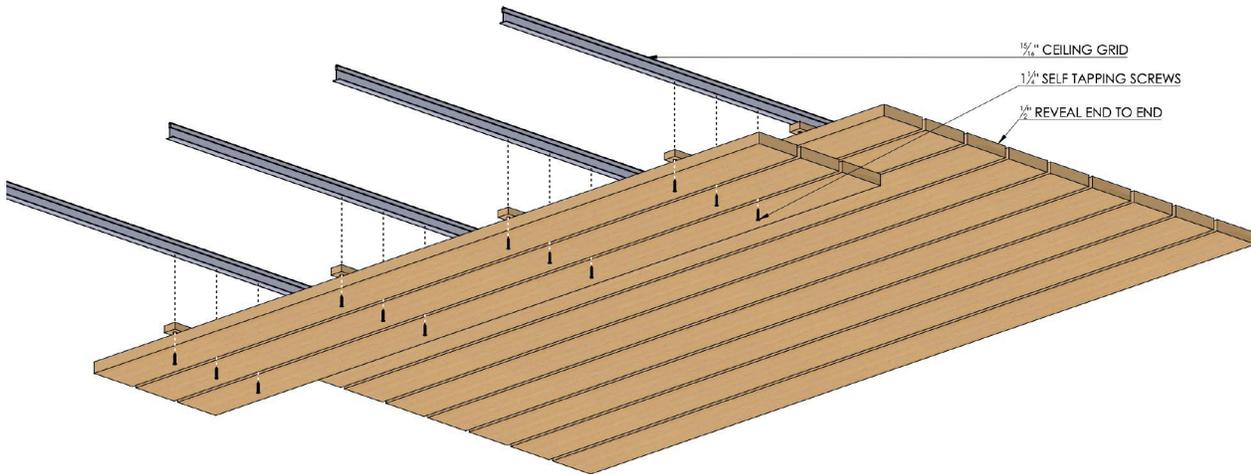
48" PLANKS w/ BACKER BOARDS - PLAN

- SINGLE ASSEMBLY



48" PLANKS w/ BACKER BOARDS - ELEVATION

- SINGLE ASSEMBLY
- SCALE - 1:4



PLANKS w/ BACKER BOARDS - ATTACHMENT

- 4 ASSEMBLIES

Color & Finishes



Over 100 species and cuts available.

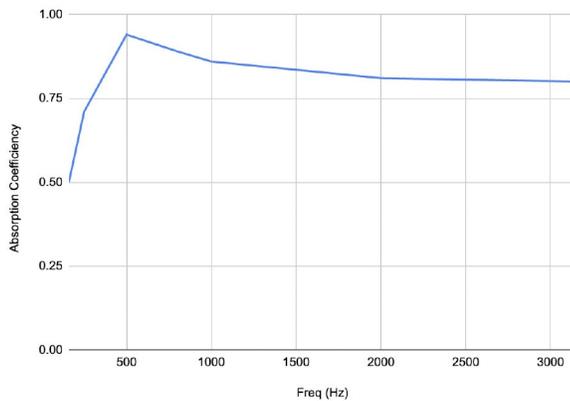
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Test Results



Absorption Coefficiency vs. Freq (Hz)



Freq (Hz)	Absorption Coefficiency
160	0.50
250	0.71
500	0.94
800	0.89
1000	0.86
2000	0.81
3150	0.80
NRC	0.83

The Noise Reduction Coefficient (NRC) is calculated as the arithmetic average of the absorption coefficients in the shaded bands only (250, 500, 1250 & 2000 Hz).

ASTM C 423-17: Type F Mounting as defined by ASTM E795 using two pieces of 0.5 in aluminum stock bar placed on floor to lift material with trim pieces to simulate a typical wall installation with mounts.