

LINEA **TEGULAR PLANK CEILING TILE**

LINEA Tegular Plank Ceiling Tile is a simple to install alternative to our traditional LINEA Plank products. These ceiling tiles are manufactured in standard sizes (2 x 2, 2 x 4) and designed to lay into most standard 9/16" or 15/16" T-bar suspension systems. LINEA Plank Ceiling Tile is available in a wide variety of solid wood species and finishing options for design flexibility. When combined with LINEA PET Backer or acoustical insulation, LINEA Tegular Plank Ceiling Tile can achieve exceptionally high acoustic performance.

SPECIFICATION—*example*

Type: LINEA Tegular Plank Ceiling Tile

Wood Species: See chart

Slat Size: 1/2" x 1-1/2"

Finish: Natural Clear, Custom Stained or Tinted Clear Finishes in *Matte, Satin or Semi-Gloss* Sheen.

Assembly: Wood Backer or LINEA PET Backer

Fire Rating: Class A per ASTM E-84 (USA) and CAN/ULC S102 (Canada)

Fabric Backer: Optional see Technical Data for info



Linea Tegular Plank Ceiling Tile

FEATURES | BENEFITS

- Ready to install, fully accessible panels
- Available in a wide variety of solid wood species and finishes
- Custom or Standard configurations can be mixed and matched
- Designed to virtually hide suspension system above
- LINEA PET Backer available in many colors. (Some restrictions apply).
- Class A Fire Rated per ASTM E-84 and CAN/ULC S102 is standard
- FSC Certified and other responsibly harvested wood options available, including PEFC
- Designed for use in all seismic areas
- Optional fabric backer available
- Solid wood trim options available



**Product information is subject to change without notice.*

LINEA TEGULAR PLANK CEILING TILE

PRODUCT DATA SHEET

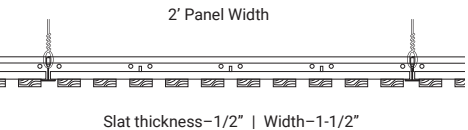
LINEA TEGULAR PLANK CEILING TILE—STANDARD SIZES

Type	T-Grid	Slats per 2' Panel	Slat Dims USA (in)	Slat Dims Metric (mm)	Nominal Sizes
Typical Plank	15/16"	10	1/2 X 1-1/2	13 x 38	2x2, 2x4
Typical Plank	9/16"	12	1/2 X 1-1/2	13 x 38	2x2, 2x4
Mixed Plank	15/16"	8	1/2 X 1-1/2, 2-1/2, 3-1/2"	13 x 38	2x2, 2x4

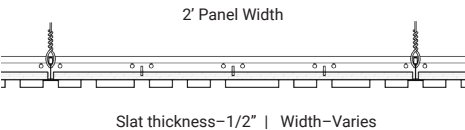
* Contact **Linea** for custom sizing options

Section Detail

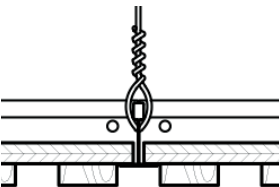
Typical Plank



Mixed Plank



Lay-In | Detail



Wood Species

*See our species sheet for more options.

Common Solid Wood Species



Hemlock Douglas Fir Poplar Maple Ash Red Oak

Simulated Finishes



Pickled White Light Cherry Dark Cherry Maple Walnut

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PHYSICAL DATA



WOOD SELECTIONS

Wood Species LINEA Tegular Plank Ceiling Tile may be specified in a wide variety of solid woods.



FINISHES

Finishes LINEA Tegular Plank Ceiling Tile for interior applications are factory finished smooth in a Clear 10" matte sheen in either a solvent-based or low voc water-based coating depending on customer specifications. Tinted clear finishes, custom stains and painted finishes are also available. Sheen options include matte, satin, or semi-gloss.



Fabric Backer

Optional factory-attached Fabric Backer is available for LINEA Tegular Plank Ceiling Tile products upon request. LINEA does not recommend Fabric Backer for panels with slat spacing greater than 3" on center as the Fabric Backer may sag or become untucked from the adjacent panel due to lack of support. Unevenness in the Fabric Backer is NOT considered a manufacturing defect and may be further magnified by lighting conditions on site. Lighting conditions are the responsibility of the Design Consultant and should be considered when specifying the optional Fabric Backer.



Antibacterial

LINEA offers an Antibacterial Coating for interior wood product installations where cleanliness and hygiene are of the utmost importance. The coating has been specially formulated to provide excellent object/surface protection levels and deliver extraordinarily high physical/chemical resistance. Furthermore, the presence of active metals boosts durability and protects the coating film from bacterial attack and the effects will last over time.



PANEL SIZES

Panel Sizes LINEA Tegular Plank Ceiling Tile is manufactured and sold as *nominal sizes* 2x2, 2x4.

Tolerances LINEA panels are built in accordance with CISCA dimensional tolerances.

TECHNICAL DATA

Fire Rating
Solid Wood FX Lumberguard or FX Lumberguard XT chemical fire retardants are factory applied to all LINEA Plank wood slats prior to further finishing to achieve a Class A Fire Rating when tested to ASTM E-84 (USA) and CAN/ULC S102 (Canada). When site cutting is required, FX Lumberguard can be re-applied to the cut locations and re-sealed to bring the panel back into conformance. Other topically applied chemical fire retardants or intumescent finishes may be used in lieu of FX Lumberguard to achieve Class A Fire Rating. In some cases, the specifying consultant may need to file an Alternate Solution with local authorities for approval. LINEA suggests consulting with local building code consultants during the specifying stage to avoid any potential issues related to Fire Rating.

Acoustics LINEA Tegular Plank Ceiling Tile without additional acoustic insulation, will act as a sound diffusor and should be considered acoustically transparent. When paired with acoustical insulation, duct liner, or LINEA PET Backer, the panels can achieve high sound absorption.

Seismic LINEA Tegular Plank Ceiling Tile is engineered for applications in all seismic areas when *installed per LINEA installation instructions*

Suspension System LINEA Tegular Plank Ceiling Tile is commonly installed into 9/16" or 15/16" Heavy Duty T-Grid



Installation LINEA Tegular Grille Ceiling Tile is commonly suspended from, but not limited to, 9/16" or 15/16" Heavy Duty T-Grid, Steel Studs, Uni-Strut, Wood Furring/Strapping, etc. by way of mechanical screw fastening or LINEA clip hardware. Local building codes should be consulted to determine additional seismic requirements.

Warranty 1 Year Warranty on all LINEA panel products. *Contact LINEA for details.*

SHIPPING AND SITE CONDITIONS

Shipping LINEA products are carefully packaged and shipped in palletized wooden crates.

Site Conditions Wood products are hygroscopic in nature and must be stored, installed & maintained in a controlled building environment. Temperature range should be maintained between 60°–90° F (15°–32° C). Relative Humidity range should be kept within a minimum 25%—max. 55% (not to exceed 20% RH from peaks to valleys). *Failure to maintain site conditions will void the LINEA warranty*

LINEA TEGULAR PLANK CEILING TILES

PRODUCT DATA SHEET



ACOUSTICS

LINEA Tegular Plank Ceiling Tile can achieve high NRC Ratings up to 0.85

LINEA TEGULAR PLANK	OPEN AREA	TYPE E-400 – NRC
Plank—10 Slats	34%	0.85
Plank—12 Slats	23%	0.75
Mixed Plank—8 Slats	31%	0.85

Test Results Disclaimer: Test results achieved by 3rd party, NVLAP accredited laboratory testing and in accordance with ASTM C423; Mounting per ASTM E795: Type E-400 and Type A; and achieved with 1-1/2" thick, 2 lb/ft³ acoustical infill. Results in field may differ from test lab results due to the varying and unique environmental characteristics of each space and location.



Pattern Considerations

LINEA Tegular Plank Ceiling Tile

Can be installed in standard *Grid Patterns*

2 x 2	2 x 4
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Disclaimers

Appearance

Variation among wood slat appearance may occur due to the natural characteristics of real wood and wood grain. Variation may be reduced, but not eliminated by using custom stains, tinted clear finishes or engineered wood veneers.

Fire Performance

Individual product components (*wood, fabric, finish*) comply with Class A fire retardant testing. ASTM E-84 and CAN/ULC S-102 submittal data is based on supplier tests. Product assembly testing has not been completed due to assemblies varying on a project-by-project basis. To exceed today's changing codes and environmental requirements, Linea recommends sprinkling both the ceiling and the plenum (concealed space) in lieu of using chemical fire retardants. Linea recommends the specifier consult a fire protection engineer, NFPA 13, and local codes for assistance where fire suppression and automatic fire detection systems are present.

Acoustics

A selection of standard LINEA Tegular Plank Ceiling Tile has been lab tested per ASTM C423 for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method. This test method covers the measurement of sound absorption in a reverberation room by measuring decay rate. Due to assemblies varying on a project-by-project basis, not all configurations have been tested.



LEED®

Linea products can contribute towards LEED certification

MR-2.1 2.2	Construction Waste Management
MR-3.1 3.2	Materials Reuse
MR-4.1 4.2	Recycled Content
MR-5.1 5.2	Regional Materials (<i>location dependent</i>)
MR-7.0	Wood available as FSC Certified, upon request
EQ-3.1 3.2	Construction IAQ Management Plan
EQ-4.1 4.2 4.4	Low emitting materials



mindfulmaterials.com

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