

## LINEA MIXED PLANK

LINEA Mixed Plank is a panelized linear wood slat system designed for interior and exterior wall and ceiling installations. LINEA Mixed Plank is composed of wood slats in various sizes and orientations to create a textured appearance. LINEA Mixed Plank is available in a wide variety of solid wood options, comes in standard or custom sizes, in standard or custom spacing configurations and in standard, custom or simulated finishes.

### SPECIFICATION—*example*

- Type:** LINEA Mixed Plank
- Wood Species:** See chart—Select from solid wood options
- Core:** Solid Wood
- Panel Size:** 18"W x 3'–10'L (Less 1" reveal; sold as full nominal lengths)
- Blade Size:** 1-3/8" x 3-1/4" ( 35 x 83mm )  
11/16" x 5-1/4" ( 17 x 133mm )  
11/16" x 2-1/4" ( 17 x 57mm )  
11/16" x 3-1/4" ( 17 x 83mm )
- Spacing:** 1" Between (4 slats / 18" panel)
- Finish:** Natural Clear, Custom Stained or Clear Finishes in Matte, Satin or Semi-Gloss Sheen.
- Assembly:** 1/2" black plywood cross members 12" o/c
- Cross Members:** 1/2" x 1-1/4"
- Fire Rating:** Class A per ASTM E-84 (USA) and CAN/ULC S102 (Canada)
- Fabric Backer:** Optional see Technical Data for info



Linea Mixed Plank

### FEATURES | BENEFITS

- Random Patterns give a textured appearance
- Available in a wide variety of solid wood species and simulated wood finishes.
- Standard or custom configurations, slat sizes, spacing, colors and low VOC finishes.
- Easily installed with Wood Backers, Flexible Backers for radius applications or LINEA PET Backer available in multiple colors. Some restrictions may apply.
- Ideal for Interior or covered Exterior applications. Additional application can be wrapped around columns.
- Class A Fire Rated per ASTM E-84 (USA) and CAN/ULC S102 (Canada) is standard.
- FSC Certified and other responsibly harvested wood options available.
- Can be customized to reduce field cutting.
- Can be manufactured for easy downward accessibility where required.
- Available with LINEA Textured Face

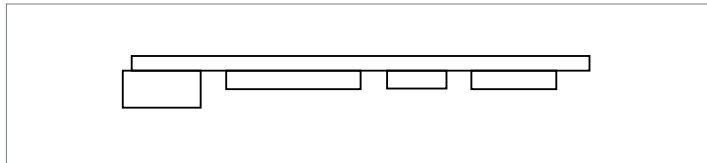
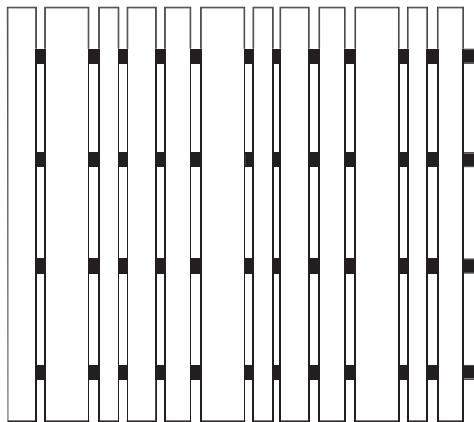


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## PRODUCT DATA SHEET

LINEA Mixed Plank	Blades/Panel	Blade 1	Blade 2	Blade 3	Blade 4	Reveal Gap
Dimensions USA (in)	4	1-3/8 x 3-1/4	11/16 x 5-1/4	3/4 x 2-1/4	3/4 x 3-1/4	3/4
Dimensions metric (mm)	4	35 x 83	17 x 133	17 x 57	17 x 83	19

Contact **LINEA** for numerous other sizing options



Available With:

LINEA Textured Face



### DISCLAIMER

A single sample may not accurately represent the full range of natural variations to be expected. Due to the inherent properties and characteristics of wood, these samples should be viewed as an approximation of what can be obtained. Some wood species have more natural variance in appearance than others. We have made every effort to make colors as accurate as possible. Colors on screen may vary depending on your screen setting and resolution.

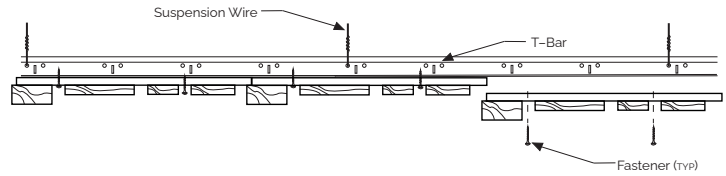
Contact **LINEA** for more details.

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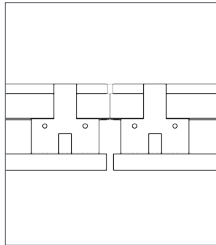
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### Installation Section Detail

showing direct screw attachment

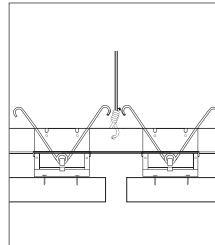


Alternate options to consider for installation.



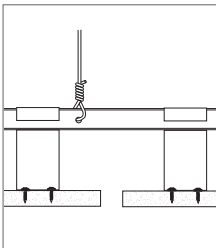
#### T-HOOK

Designed to simply lift, drop and lock in place using T-Bar suspension and clips. Panels greater than 2' x 2' may require additional stabilizing support fixed to the back (by others).



#### TORSION SPRING

Panel is designed for downward accessibility by way of torsion spring clips fixed to 15/16" [24mm] HeavyDuty grid Panels greater than 2' x 2' may require additional stabilizing support fixed to the back (by others).



#### CHANNEL HANGER

Designed to simply lift, drop and lock in place using C-Channel suspension and clips. Panels greater than 2' x 2' may require additional stabilizing support fixed to the back (by others).



\*Product information is subject to change without notice.

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### PHYSICAL DATA

WOOD SELECTIONS	
<b>Wood Species</b> <i>Interior</i>	LINEA Mixed Plank may be specified in a wide variety of solid woods.
<b>Wood Species</b> <i>Exterior</i>	LINEA Plank should not be installed in locations in direct contact with rain, snow, standing water or prolonged direct sunlight. Covered Soffit overhangs and other covered spaces are ideal.
FINISHES	
<b>Finishes</b> <i>Interior</i>	LINEA Mixed Planks for interior applications are factory finished smooth in a low VOC coating. Clear finishes, custom stains and painted finishes are also available. Sheen options include matte, satin, or semi-gloss.
<b>Finishes</b> <i>Exterior</i>	LINEA Mixed Planks (solid wood only) for exterior applications are factory finished smooth in a Clear matte sheen low VOC coating. Clear or custom stains are also available. Sheen options include matte, satin, or semi-gloss. <i>Contact LINEA for more information.</i>
<b>Surface Textures</b>	Surface appearance as smooth or LINEA Texture Face. Texture options include: Fine, Medium, or Coarse
<b>Fabric Backer</b>	Optional factory-attached Fabric Backer is available for LINEA Mixed Plank products upon request. 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.
<b>Antibacterial</b>	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	
<b>Panel Sizes</b>	LINEA Mixed Plank panels are manufactured and sold as 18" wide and from 3'-10' long (less 1" for reveal). Panels less than 4' long should be avoided wherever possible. <i>Contact LINEA for details.</i>
<b>Tolerances</b>	LINEA panels are built in accordance with CISCA dimensional tolerances.
TECHNICAL DATA	
<b>Fire Rating</b> <i>Solid Wood</i>	Fire retardants are factory applied to all LINEA Mixed Grille 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, fire retardants can be re-applied to the cut locations and re-sealed to bring the panel back into compliance. Other topically applied chemical fire retardants or intumescent finishes may be used 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.
<b>Acoustics</b>	LINEA Mixed Plank panels without additional acoustic insulation will act as a sound diffuser and should be considered acoustically transparent. When the LINEA Mixed Plank is paired with acoustical insulation or duct liner behind, the panels can achieve high sound absorption.
<b>Seismic</b>	LINEA Mixed Plank panels are engineered for applications in all seismic areas when installed <i>per LINEA installation instructions.</i>
<b>Installation</b>	LINEA Mixed Plank panels are fixed via direct screw attachment or with other installation clip methods. Local building codes should be consulted in order to determine additional seismic requirements.
<b>Warranty</b>	1 Year Warranty on all LINEA panel products. <i>Contact LINEA for details.</i>
SHIPPING AND SITE CONDITIONS	
<b>Shipping</b>	LINEA products are carefully packaged and shipped in palletized wooden crates.
<b>Site Conditions</b>	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). <i>Failure to maintain site conditions will void the LINEA warranty.</i>

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## PRODUCT DATA SHEET



### Acoustics

LINEA Mixed Plank—4 Member Plank panels can achieve medium to high NRC and SAA ratings. *Results pending*



### Pattern Considerations



Reveals (1) can be **symmetrical** giving a linear appearance or **Staggered** to minimize joint layout



### 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 (location dependent)
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

### Disclaimers

#### Appearance

Variation among wood panel 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.

#### Fire Performance

Individual product components (wood, fabric, metal, 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 installing sprinklers in addition to 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 Mixed Plank panels have lab testing results pending 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.