LINEA **SQUARED**

LINEA Squared is a highly functional, open–cell wood ceiling system consisting of vertically oriented, interlocking wood slats that creates a cut–off angle—highlighting the wood while concealing the plenum above. Available styles are Tegular (a drop–in tiled look with minimal reveal) and Continuous (entirely monolithic appearance). Both styles are factory–finished, pre–assembled in a variety of patterns, easy to install and 100% accessible. Intended to enhance space volume with open structure design, LINEA Squared will bring beauty and warmth to any interior space regardless of size or shape. LINEA Squared—**Tegular** is suspended with 15/16" HD T–Bar Grid. LINEA Squared—**Continuous** is suspended from matching wood grid suspension members, clip hardware and eye bolts. In seismic areas, safety tie–offs may be required.

FEATURES | BENEFITS

- Available in Tegular (Tiles) or Continuous (Monolithic)
- Solid Wood Construction (veneer may be used in some assemblies)
- Pre-assembled lay–in panels that are easy to install with no blade assembly
- No access panels required—100% Accessible.
- Mix and match sizes and patterns for a variety of looks
- Openness allows for air circulation and easy MEP integration
- Sound absorbing Insulation can be used to enhance acoustics
- Vertical trim conceals grid in cloud applications
- FSC Certified materials are available
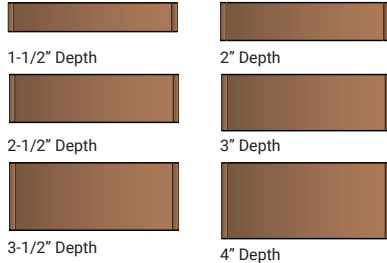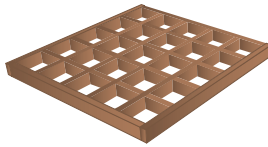- May contribute to LEED® projects

LINEA SQUARED—STYLES	
Tegular	*Continuous*
• Full panel sizes in cloud applications.	• Solid Wood Continuous Suspension
• Suspended using 15/16" HD T–Bar ceiling grid	• Wall to wall installations can be field cut to fit irregular installations.
• Matching adhesive veneer strips for facing T–Bar grid (in the field) are available.	• Continuous appearance eliminates cost and labor of installing T–bar grid

LINEA SQUARED—TEGULAR
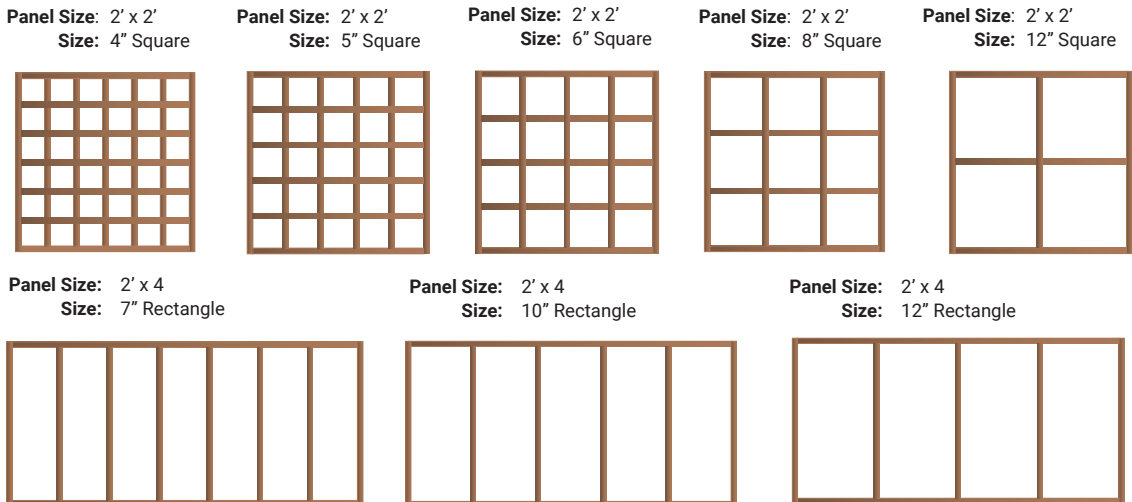## PRODUCT DATA SHEET

SPECIFICATION—*example*

TYPE: LINEA Squared—Tegular

INSTALLATION: Tegular Lay–In to 15/16" HD T-Bar Grid

WOOD SPECIES: Select from our solid wood species options

MODULE OPTIONS: See Chart Below

PANEL SIZE: 2' x 2' or 2' x 4'

FINISH: Clear, Custom Stained or Clear Finishes in Matte, Satin or Semi–Gloss Sheen

REVEAL: 15/16"

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

1-1/2" Depth
2" Depth
2-1/2" Depth
3" Depth
3-1/2" Depth
4" Depth

Size (in)	Shape	Depth (in)						Panel Size (Ft)		Reveal (in)
LINEA SQUARED – TEGULAR										
Module Options (Typical)										
4	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
5	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
6	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
8	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
12	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
5	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	N/A	2 x 4	15/16
6	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
7	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	N/A	2 x 4	15/16
8	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
10	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	N/A	2 x 4	15/16
12	Rectangle	1-1/2	2	2-1/2	3	3-1/2	4	2 x 2	2 x 4	15/16
		INTENTIONALLY LEFT BLANK—FILL IN SELECTION AS REQUIRED								

Solid Softwoods are milled to 11/16" thickness. Hardwoods are milled to 3/4" thickness.

Matching perimeter trims are available in random lengths 3'–8' and can be joined in field.

Other sizing and pattern options may be available. Contact a LINEA representative for more details

PATTERN OPTIONS

All pattern options not shown—Contact LINEA for more details

Panel Size: 2' x 2'
Size: 4" Square

Panel Size: 2' x 2'
Size: 5" Square

Panel Size: 2' x 2'
Size: 6" Square

Panel Size: 2' x 2'
Size: 8" Square

Panel Size: 2' x 2'
Size: 12" Square

Panel Size: 2' x 4
Size: 7" Rectangle

Panel Size: 2' x 4
Size: 10" Rectangle

Panel Size: 2' x 4
Size: 12" Rectangle

Product information is subject to change without notice.

Revision Date: November 2023

SPECIFICATION—*example*

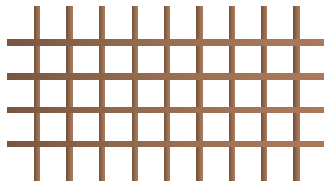|	
TYPE:	**LINEA Squared—Continuous**
INSTALLATION:	Continuous Lay–In to wood mains and crosses
WOOD SPECIES:	Select from our solid wood species options
MODULE OPTIONS:	See Chart Below
PANEL SIZE:	2' x 4'
FINISH:	Clear, Custom Stained or Clear Finishes in *Matte, Satin or Semi–Gloss Sheen*
REVEAL:	None
FIRE RATING:	Class A per ASTM E-84 (USA) and CAN/ULC S102 (Canada)

1-1/2" Depth   2" Depth

2-1/2" Depth   3" Depth

3-1/2" Depth   4" Depth
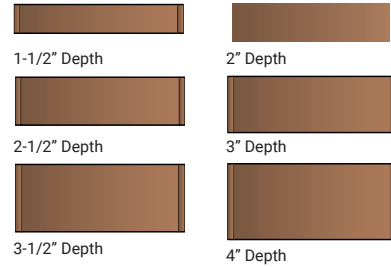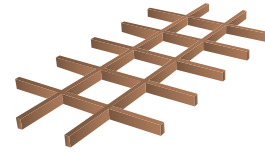
LINEA Squared – Continuous

Module Options (Typical)

Size (in)	Shape	Depth (in)						Panel Size	Reveal
5	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 4	None
6	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 4	None
8	Square	1-1/2	2	2-1/2	3	3-1/2	4	2 x 4	None
		INTENTIONALLY LEFT BLANK—FILL IN SELECTION AS REQUIRED							

Solid Softwoods are milled to 11/16" thickness. Hardwoods are milled to 3/4" thickness.

Continuous available as 2' x 4' only and requires additional wood mains and cross tees for assembly

Matching perimeter trims are available in random lengths 3'–8' and can be joined in field.

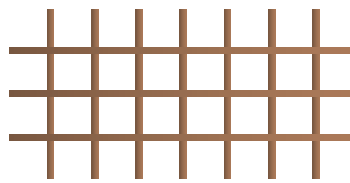Other sizing and pattern options may be available. **Contact a LINEA representative for more details**

PATTERN OPTIONS

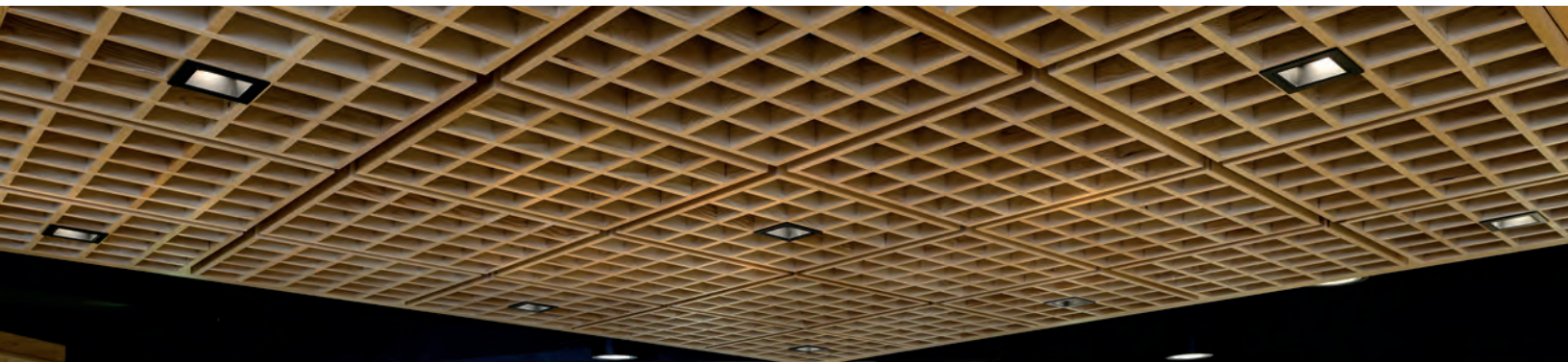*All pattern options not shown—Contact LINEA for more details*

Panel Size: 2' x 4' **Size:** 5" Square	**Panel Size:** 2' x 4' **Size:** 6" Square	**Panel Size:** 2' x 4' **Size:** 8" Square

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Revision Date: November 2023

T 604-776-2265 *sales@lineaceilings.com* **lineaceilings.com** 2320 Peardonville Road, Abbotsford, BC Canada V2T 6J8

LINEA | **3**
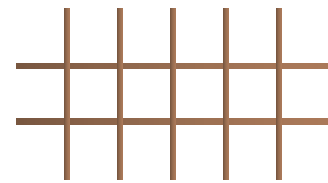
PHYSICAL DATA

WOOD SELECTIONS	
Wood Species *Interior*	LINEA Squared may be specified in a wide variety of solid woods. Real or Engineered wood veneers may be used. Some restrictions apply. *Contact Linea for details.*

FINISHES	
Finishes *Interior*	LINEA Squared for interior applications are factory finished smooth in a low VOC coating. Tinted clear finishes, custom stains and painted finishes are also available. Sheen options include matte, satin, or semi−gloss.
Surface Texture	As smooth
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 Squared panels are manufactured and sold as Tegular 2' x 2' and 2' x 4'. Continuous 2' x 4'.
Tolerances	LINEA Squared panels are built in accordance with CISCA dimensional tolerances.

TECHNICAL DATA	
Fire Rating *Solid Wood*	Fire retardants are factory applied to all LINEA Squared panels 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.
Acoustics	Acoustics can be enhanced with the inclusion of locally supplied sound absorbing insulation placed over open reveals within the grid
Seismic	LINEA Squared panels are engineered for applications in all seismic areas when installed per LINEA installation instructions.
Installation	LINEA **Squared−Tegular** is suspended with 15/16" HD T−Bar Grid LINEA **Squared−Continuous** is sus pended from matching wood grid suspension members, clip hardware and eye bolts. In seismic areas, safety tie−off may be required.
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.

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LINEA | **4**

ACOUSTICS

LINEA Squared is acoustically transparent. This feature lets sound carry above the ceiling where acoustical batting or foam can be installed. Acoustic infill panels can also be used to enhance acoustics.

LIGHTING

Lighting fixtures can be integrated easily into any LINEA Squared ceiling.
Where applicable, LINEA can provide matching wood infill plates

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, 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 intalling sprinklers in addition to WWusing 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.

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