

LINEAR DATA SHEET

SYSTEM: LINEAR | STYLE: PANELIZED



Wood planks that combine the natural beauty of wood with modern design to create an elegant product that enhances the architectural plan and allows for easy installation.



Linear Panelized is a module-based linear ceiling system consisting of equally-spaced parallel solid wood planks assembled into a panel by way of perpendicular woodbackers. The Linear Panelized ceiling system consists of fixed-size panels installed via [Woodbacker Clips](#)¹ on the ceiling or direct attach via screws for seismic compliance. Module widths range from 1'-2'. Plank widths vary. Standard lengths from 2'-10' (nominal) at 1' increments.

Linear Panelized is available in solid wood only.



DESIGN

Linear Panelized is produced in St. Augustine, FL. [Woodbacker Clips](#)¹ are used to suspend panels from heavy duty grid. Wall panels are direct screw attached. [Primary Access Panels](#)¹ can be coordinated with MEP locations and cut in-field.



ACOUSTICS

Linear Panelized is manufactured with fiber felt spacers between wood boards for sound passage and has been tested in accordance with ASTM C-423, achieving an **NRC-0.55**.



FIRE PERFORMANCE

Linear Panelized can be treated to meet **Class A** as per ASTM E-84. Solid wood is treated with a finish additive.



SUSTAINABILITY

Linear Panelized supports sustainability initiatives like **WELL** and **LEED** through FSC compliance, NAF cores, HPDs, EPDs, and Indoor Advantage Gold certification.



SEISMIC

Linear Panelized meets code compliance via **direct screw attachment** to heavy duty grid. Local code should be consulted to determine additional seismic requirements.



RULON INTERNATIONAL
2000 RING WAY
ST. AUGUSTINE, FL. 32092

PHONE: 904-584-1400
WEB: RULONCO.COM
EMAIL: INFO@RULONCO.COM

SPECIFICATION

COMPONENTS

HANGERS

#12- gauge wire hangers, braided wire, or aircraft cable (contractor-supplied).

SUSPENSION SYSTEM

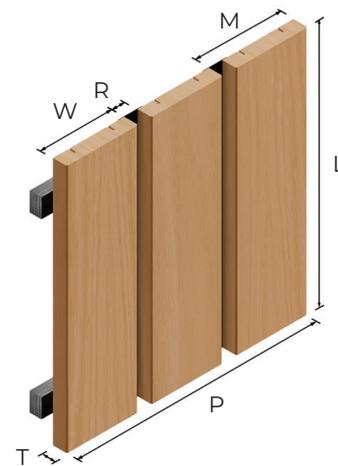
Linear Panelized should be suspended using standard 15/16" [24 mm] heavy duty grid (contractor-supplied).

SELECT N' SHIP SYSTEM PROFILES & DIMENSIONS

Linear Panelized boards are made from solid wood. Standard panels are assembled 1-1/2' [457 mm] wide - in lengths of 4' [1220 mm], 5' [1524 mm], 8' [2438 mm], or 10' [3048 mm]. Wood boards are manufactured without finger joints. Boards are fastened together with black woodbackers, positioned 12" [305 mm] on center, starting 5-1/2" [140 mm] from the end of the panel - depending upon length selected. Board widths are as follows:

M MODULE	4-1/2"
W (WIDTH)	3-3/4"
R (REVEAL)	3/4"
T (THICKNESS)	3/4"
L (LENGTH)	FX'
P (PANEL)	18"

FX - Fixed lengths of 4', 5', 8', or 10'



SPACERS

Fiber felt is factory-applied to one edge of each wood board, offering a closed plenum for more efficient air movement and dust containment. The fiber felt spacer provides a fire retardant closure and is black.

INSTALLATION

ATTACHMENT

Linear Panelized may be suspended from grid using [Woodbacker Clips⁺](#) (see install guide). Panels may also be directly screwed to grid from above (see install guide) or below. Wall Panels may be direct screw attached.

SPECIAL CONDITIONS

Ceiling termination at a wall or soffit is accomplished using Rulon perimeter trim #101 (see install guide). The standard perimeter for floating ceilings is Linear boards, turned 90° and pin-nailed into ceiling boards.

SPECIFICATION

WOOD SELECTIONS

WOOD SPECIES

Linear Panelized is supplied in a limited number of wood species at the discretion of the manufacturer.

TEXTURES

Standard surface texture is smooth-sawn. Faces are sanded.

FINISHES

WOOD FINISHES

Standard finishes include 20-sheen clear (satin). A full range of standard and premium colors can be found at [rulonco.com/sns-finishes](https://www.rulonco.com/sns-finishes). All finishes are water based, low VOC-emitting, and do not contain solvents.

SHIPPING & STORAGE

SHIPPING

Linear Panelized is shipped on skids in shrink wrap packaging. Finished surfaces are facing one another with slip sheets between to prevent marring.

STORAGE

Linear Panelized shall be stored flat and level, in a fully enclosed space away from sunlight or moisture. For a minimum of seventy-two (72) hours immediately prior to ceiling installation, the packaging shall be opened and the panels shall be stored in the room in which they will be installed. The temperature and humidity of the room shall closely approximate those conditions that will exist when the building is occupied. Panels must be stored off the floor.

COORDINATION

TEMPERATURE & HUMIDITY

Linear Panelized shall be installed only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. Heating and cooling systems shall be operating before, during, and after installation, with the humidity of the interior spaces maintained between 25 and 55 percent, and a temperature between 60 to 90 degrees F.

SPECIFICATION

NOTES

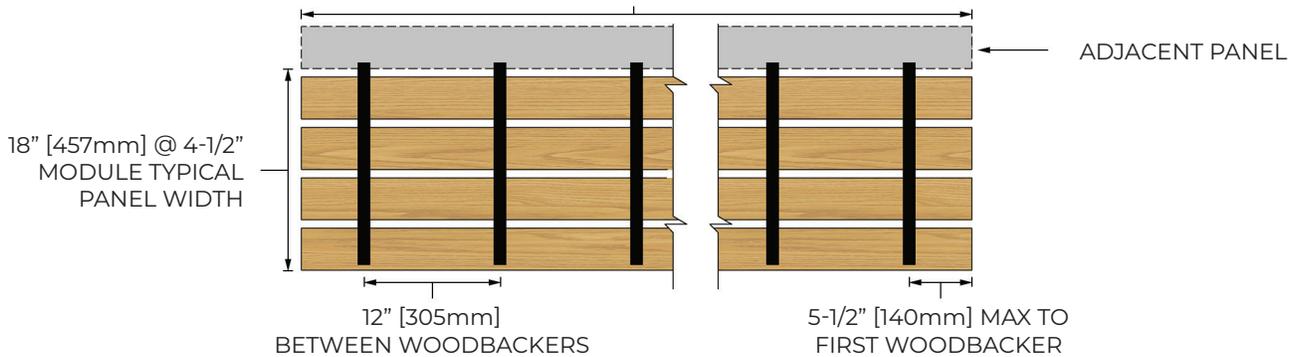
SPECIAL NOTES

Primary Access Panels are sections of a system that have been removed and assembled into a lift & shift panel for required-access locations.

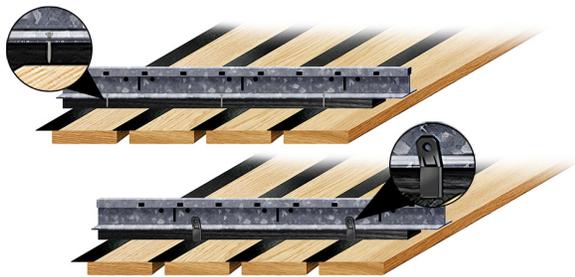
Woodbacker Clips are spring clips that wrap around the woodbacker and attach to heavy duty grid. The clips are made of spring-steel with phosphate pre-treatment and corrosion-resistant coating.

TYPICAL DETAILS

STANDARD 4' [1220 MM], 5' [1524 MM], 8' [2438 MM], OR 10' [3048 MM] NOMINAL PANELS;
PANELS ARE 1/2" [13mm] SHY OF LISTED DIMENSION TO ACCOUNT FOR SPACING



DIRECT SCREW FROM ABOVE OR BELOW PROVIDES SEISMIC COMPLIANCE



QUICK INSTALLATION VIA WOODBACKER CLIP

ATTACHED WOODBACKER FOR USE AS A SAW GUIDE

FIELD CUTS REQUIRE TOUCH-UP FINISH

6" [152mm] MAX EXTENSION BEYOND WOODBACKER

