

CUBES DATA SHEET

SYSTEM: CUBES | STYLE: MODULAR



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.



Modular Cubes is an open, modular, cell-like ceiling system with maximum yield open area to contribute to sound attenuation, plenum access, and simple MEP integration. The Modular Cubes ceiling system consists of assembled modular panels - supplied as either lay-in panels or with a tegular edge - that fit into standard heavy-duty grid. Panels are customizable in both cell opening size and depth.

Modular Cubes is available in solid wood or veneer.



DESIGN

Modular Cubes is produced in St. Augustine, FL. Continuous Cubes is a fully-accessible Rulon ceiling system via drop-in panels. 24" x 24" or 48" x 48" panels are supplied as either lay-in panels or with a tegular edge and are sized to fit into a new or retrofit heavy-duty grid system. Cell sizes are customizable but limited to a divisor of 24". Cell heights are customizable.



ACOUSTICS

Modular Cubes is manufactured with or without fabric backing, allowing sound to pass through to the plenum. Modular Cubes is considered acoustically transparent.



FIRE PERFORMANCE

Modular Cubes can be treated to meet **Class A** as per ASTM E-84. Solid wood is treated with a finish additive. Veneers are applied to an FR (Fire Rated) core.



SUSTAINABILITY

Modular Cubes contributes to sustainability initiatives like **WELL** and **LEED** through FSC compliance, NAF cores, HPDs, EPDs, and Indoor Advantage Gold certification.



SEISMIC

Modular Cubes 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

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

SYSTEM PROFILES & DIMENSIONS

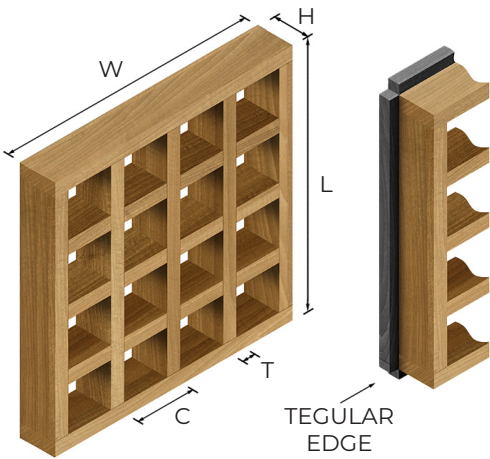
Modular Cubes are manufactured in 2'x2' or 4'x4' sections and come in standard cell sizes of 3" [76 mm], 4" [102 mm], 6" [152 mm], and 8" [203 mm]. Standard wood members are 3/4" [19 mm] thick by 2" [51 mm], 3" [76 mm], or 4" [102 mm] high. Custom sizes are available. Panels may also be constructed with tegular edges to drop the face below the grid.

SYSTEM	MODULAR
C (CELL SIZE) ^{1,2}	3", 4", 6", or 8"
H (HEIGHT) ²	2", 3", or 4"
T (THICKNESS)	3/4"
W (WIDTH) ³	24" or 48"
L (LENGTH) ³	24" or 48"

¹Cell Size - Nominal center to center dimensions

²Custom - Custom sizes available

³Panel - 48" x 48" only available in 6", 8" cell sizes



INSTALLATION

ATTACHMENT

Modular Cubes are placed into 15/16" [24 mm] heavy duty grid by dropping them into individual 2'x2' or 4'x4' sections.

SPECIAL CONDITIONS

Ceiling termination at a wall or soffit is accomplished using contractor-supplied L-angle.

WOOD SELECTIONS

WOOD SPECIES

Rulon Modular Cubes may be specified in a variety of wood species. Current standard wood species are: Ash, Maple, Red Oak, White Oak, Beech, Poplar, and Cherry. [Thermally Modified²](#) wood species are also available. Premium veneers and non-wood laminates are available.

TEXTURES

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

SPECIFICATION

FINISHES

WOOD FINISHES

Standard finishes include 20-sheen clear (satin) and 5-sheen clear (matte). A full range of standard colors can be found at [rulonco.com/colorselections](https://www.rulonco.com/colorselections). Custom stains, opaque or semi-transparent colors are also available. All finishes are water based, low VOC-emitting, and do not contain solvents.

SHIPPING & STORAGE

SHIPPING

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

STORAGE

Modular Cubes 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

Modular Cubes 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.

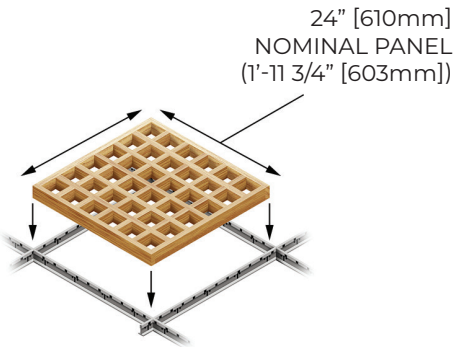
SPECIFICATION

NOTES

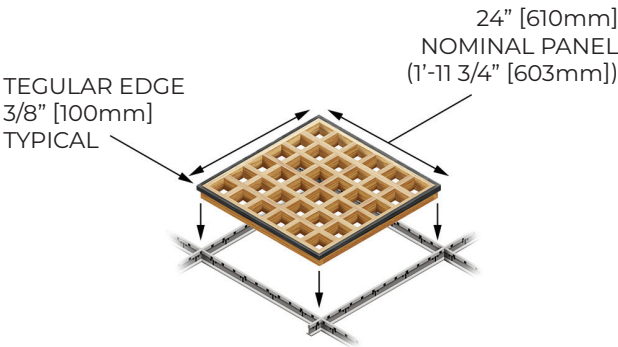
SPECIAL NOTES

Thermally modified wood has been altered by a controlled process called pyrolosis which induces chemical changes to the cellular structure of the cell wall components of the wood material through heat to increase durability, shrink/swell factor, and biological resistance.

TYPICAL DETAILS



TYPICAL 24" [610mm] X 24" [610mm] LAY-IN MODULE, OTHER MODULE SIZES SIMILAR



TYPICAL 24" [610mm] X 24" [610mm] TEGULAR MODULE, OTHER MODULE SIZES SIMILAR

