

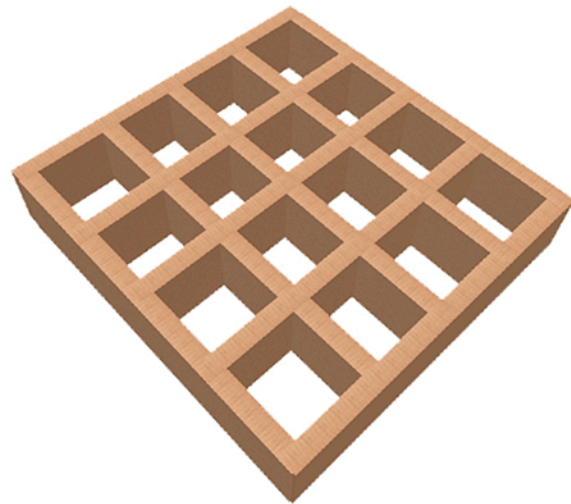
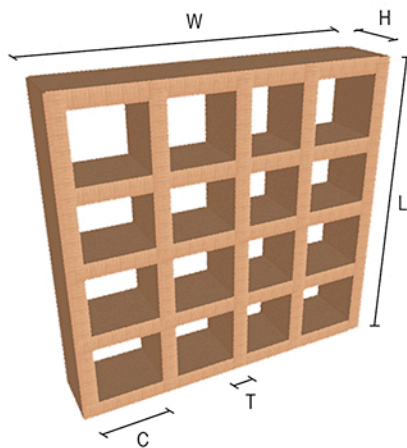
Wooden boards that merge the inherent aesthetic appeal of timber with contemporary design principles result in a sophisticated product that elevates architectural schemes while facilitating straightforward installation.

### KEY FEATURES

Featuring an open, cell-like design that maximizes the available open area, enhancing sound attenuation while providing easy access to the plenum and facilitating straightforward integration of mechanical, electrical, and plumbing (MEP) systems. The drop-in panels are compatible with most standard grid systems, making them suitable for both new installations and retrofitting projects.

#### Profiles and Dimensions

Modular Cubes are produced in sections measuring either 2 feet by 2 feet or 4 feet by 4 feet, featuring standard cell dimensions of 3 inches (76 mm), 4 inches (102 mm), 6 inches (152 mm), and 8 inches (203 mm). The standard wooden components have a thickness of 3/4 inch (19 mm) and heights of 2 inches (51 mm), 3 inches (76 mm), or 4 inches (102 mm). Additionally, custom dimensions can be accommodated to meet specific requirements. Furthermore, panels can be designed with tegular edges, allowing the face to be positioned lower than the grid.



### COMPONENTS

#### Hangers

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

#### Suspension

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

### INSTALLATION

#### Attachment

Modular Cubes are inserted into a robust 15/16" [24 mm] grid system by positioning them within distinct 2'x2' or 4'x4' sections.

#### Special Conditions

The termination of the ceiling at a wall or soffit is achieved through the use of L-angle provided by the contractor.

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



### Acoustical Performance

The Cube (Modular) system acoustical performance varies according to project design application. Mounting method and absorbent material behind the system contribute to NRC Values up to 0.80.



### Compliance with seismic codes

The Cube (Modular) system, when installed onto a seismic code compliant suspension grid with screw attachment through the wood backer to the grid will satisfy seismic code requirements. Consult with local codes or a licensed engineer for any additional requirements.



### Sustainability

The Cube (Modular) system is manufactured responsibly using sustainable raw materials.



### Fire Rating

The Cube (Modular) system can be manufactured to achieve ASTM E-84 Class A rating compliance.



### Storage and Acclimatization

All materials must be stored and installed only in a controlled interior environment (relative humidity range 25% - 55% maximum - temperature between 60° - 80° - not to exceed 86°). All windows, doors and wet work must be complete before installation. Material should only be installed after reaching equilibrium moisture content.



### Warranty

All materials produced by Redbud Architectural Systems are guaranteed against manufacturing defects for one year from the date of delivery. \*Due to the nature of wood stains, color matching can not be guaranteed.

## Species and Finishes

### Species: Ash



### Species: Cherry



### Species: Walnut



Species: Maple

							
Maple Autumn Cherry Plain Sliced	Maple Bamboo Plain Sliced	Maple Double Espresso Plain Sliced	Maple Legacy Walnut Plain Sliced	Maple Modern Ruby Plain Sliced	Maple Natural Plain Sliced	Maple Smokey Walnut Plain Sliced	Maple Summer Oak Plain Sliced

Species: White Oak

							
White Oak Autumn Cherry Rift Cut	White Oak Bamboo Rift Cut	White Oak Double Espresso Rift Cut	White Oak Legacy Walnut Rift Cut	White Oak Modern Ruby Rift Cut	White Oak Natural Rift Cut	White Oak Smokey Walnut Rift Cut	White Oak Summer Oak Rift Cut
							
White Oak Autumn Cherry Rift Cut	White Oak Bamboo Plain Sliced	White Oak Double Espresso Plain Sliced	White Oak Legacy Walnut Plain Sliced	White Oak Modern Ruby Plain Sliced	White Oak Smokey Walnut Plain Sliced	White Oak Summer Oak Plain Sliced	

Species: Red Oak

							
Red Oak Autumn Cherry Rift Cut	Red Oak Bamboo Rift Cut	Red Oak Double Espresso Rift Cut	Red Oak Legacy Walnut Rift Cut	Red Oak Modern Ruby Rift Cut	Red Oak Natural Rift Cut	Red Oak Smokey Walnut Rift Cut	Red Oak Summer Oak Rift Cut
							
Red Oak Autumn Cherry Plain Sliced	Red Oak Bamboo Plain Sliced	Red Oak Double Espresso Plain Sliced	Red Oak Legacy Walnut Plain Sliced	Red Oak Modern Ruby Plain Sliced	Red Oak Smokey Walnut Plain Sliced	Red Oak Summer Oak Plain Sliced	