

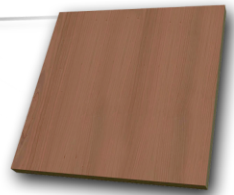


RULON INTERNATIONAL

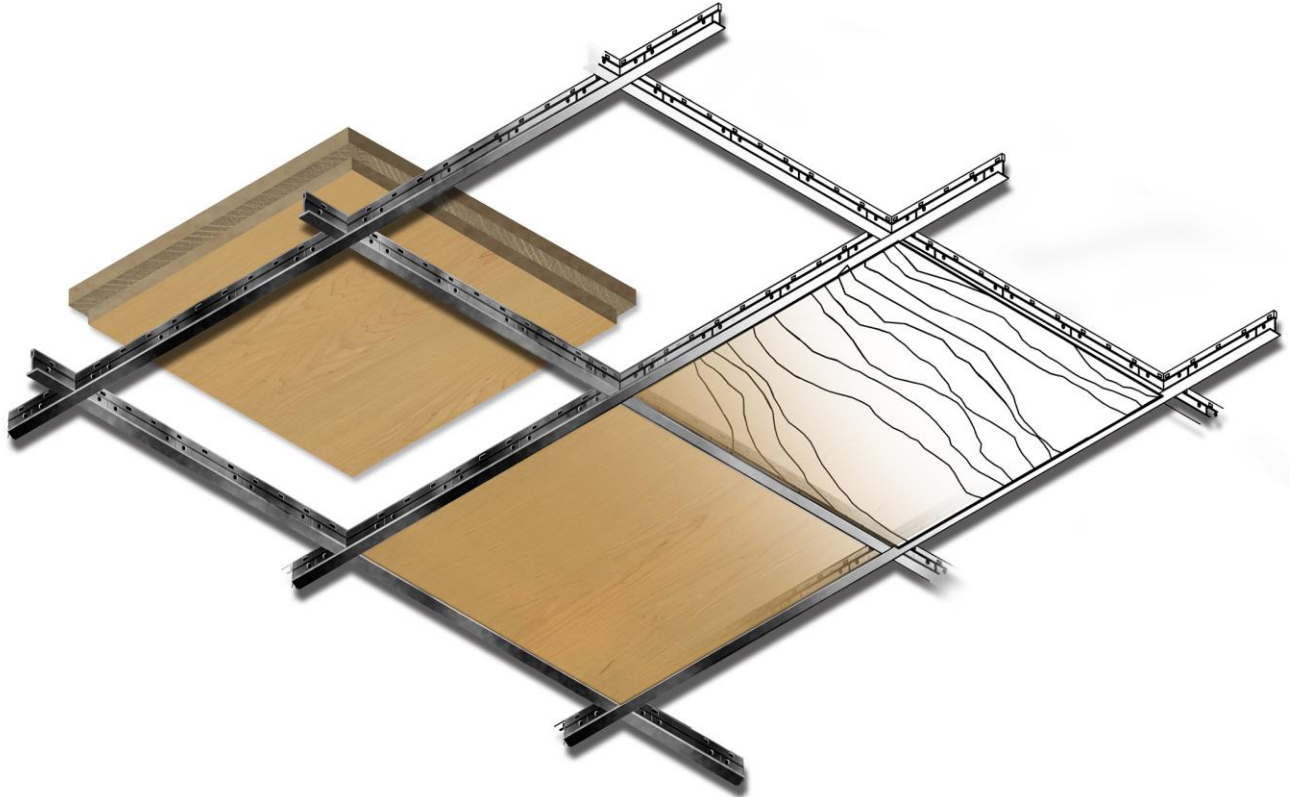
SQUARES DATA SHEET

SYSTEM: SQUARES

PROFILE: ANY



Overview



SYSTEM

Squares are designed to be a simple lay-in system for heavy duty grid systems. Wood Squares are available in Lay-In, Side-Slot, Recessed-Tegular, and Coffered styles. Standard panel sizes are 2' x 2' x 3/4" thick. Custom sizes are available. Squares are only available in veneer.

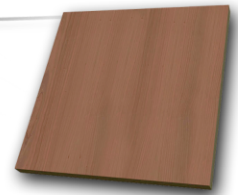


RULON INTERNATIONAL

SQUARES DATA SHEET

SYSTEM: SQUARES

PROFILE: ANY



Technical Data

VARIABLES



ENGINEERING CONSIDERATIONS

Squares are manufactured at Rulon's plant in St. Augustine, FL. All shop drawings and coordination details are produced by Rulon's engineering staff.



ACCESSIBILITY

Squares are a fully-accessible Rulon ceiling system unless direct-screwed to heavy duty grid. Mains and crosses are suspended using #12 Gauge hanger wire. Squares are manufactured with a variety of edge conditions including tegular, lay-in, and side slot.



ACOUSTICS

Squares are manufactured with grid occupying the reveals, allowing no sound to pass through the space between panels to the plenum space beyond. Squares are acoustically reflective.



SUSTAINABILITY

Squares may contribute as required to the following LEED v4 credits: [MR BPD&O – Sourcing of Raw Materials](#), [MR BPD&O – Material Ingredients](#), [EQ Low-Emitting Materials](#), [EQ Minimum Acoustic Performance](#)



FIRE PERFORMANCE

Squares can be treated to meet **Class A** requirements as per ASTM E-84. Solid wood is treated with a finish additive; veneers are applied to an FR core (MDF or Particleboard).



SEISMIC

Squares meet seismic code compliance via direct screw attachment to heavy duty grid. Local code requirements should be consulted in order to determine additional requirements.



INTEGRATIONS

Squares can be easily trimmed in-field to accommodate MEP integrations. Touch-up finish and edgebanding is supplied to veneer and seal cut sections. In-factory cutouts can be achieved with dedicated coordination and in conjunction with the [Integrated Lighting^D](#) program at Rulon.



GENERAL COSTING

Squares are typically an inexpensive system depending on the material and manufacturing requirements. Squares qualify as **\$\$\$** on the general costing scale. Local reps should be contacted in order to obtain a project-specific budget.

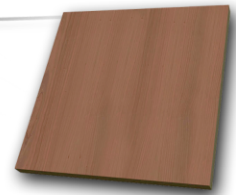


RULON INTERNATIONAL

SQUARES DATA SHEET

SYSTEM: SQUARES

PROFILE: ANY



Specification

COMPONENTS

HANGERS

#12- gauge wire hangers (contractor-supplied).

SUSPENSION SYSTEM

Ceiling Panels should be suspended using standard 15/16" [24 mm] heavy duty grid (contractor-supplied). Tegular or Lay-in ceilings may be suspended using standard 9/16" [14 mm] medium duty or 15/16" [24 mm] heavy duty grid (contractor-supplied). Mains for 15/16" [24 mm] heavy duty grid shall be a max of 2' [610 mm] on center.

ATTACHMENT

Squares can also be manufactured with a variety of edge conditions including tegular, lay-in, and side slot (see drawing AXXX0016).

SIZES

Panels are made from premium grade veneers adhered to a wood substrate (typically MDF or Particle Board). Face veneer is finished to customer requirements. Panels may be manufactured in sizes up to 4' [1219 mm] by 10' [3048 mm].

FACE PROFILES

Squares are manufactured with multiple veneer layup options. Patterns include Plain, Quartered Square, and Quartered Diagonal (see drawing SCXA0006).

EDGE PROFILES

Squares can be specified with various edge profiles including Lay-In (see drawing SLXA0001), Side-Slot (see drawing SSXA0003), Recessed-Tegular (see drawing STXA0002), and Coffered (see drawing SCXA0005).

PERIMETER TRIMS

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

WOOD SELECTIONS

WOOD SPECIES

Squares may be specified in a variety of veneer species. Current standard wood species are: Ash, Maple, Red Oak, White Oak, Beech, Poplar, and Cherry. Premium veneers and non-wood laminates are available.

TEXTURES

The standard surface texture is smooth-sawn. Faces are sanded.

FINISHING & COMPONENTS

WOOD FINISHES

The standard finish is satin clear. Custom stains, opaque or semi-transparent colors are also available. All finishes are water based, low VOC-emitting, and do not contain solvents.

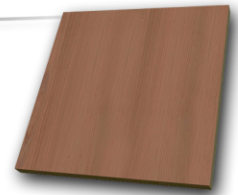


RULON INTERNATIONAL

SQUARES DATA SHEET

SYSTEM: SQUARES

PROFILE: ANY



SHIPPING & STORAGE

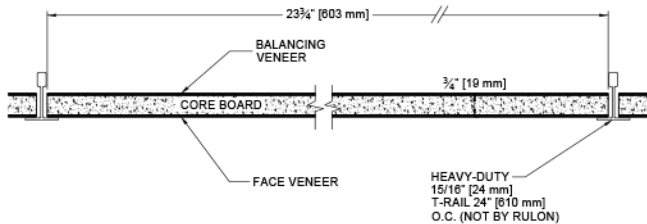
SHIPPING

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

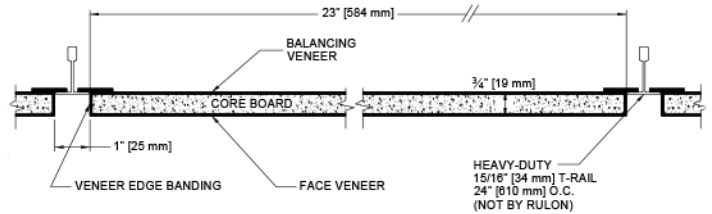
STORAGE

Squares shall be stored flat and level, in a fully enclosed space. For a minimum of seventy-two (72) hours immediately prior to ceiling installation, the packaging shall be opened and the wood blades 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.

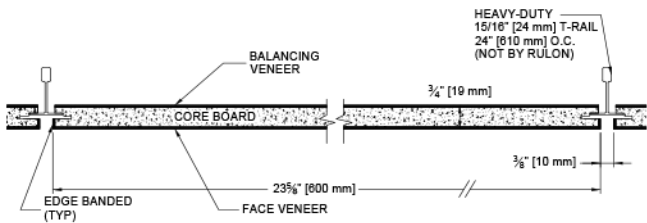
Typical Details



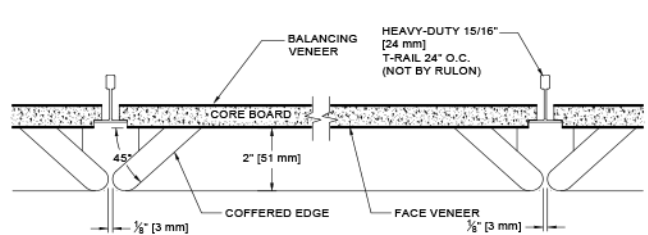
LAY-IN



FULL TEGULAR



SIDE SLOT



COFFERED

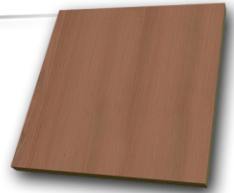


RULON INTERNATIONAL

SQUARES DATA SHEET

SYSTEM: SQUARES

PROFILE: ANY



Notes

^A Not used.

^B Not used.

^C Not used.

^D The Integrated Lighting program at Rulon is in partnership with GE Lighting and is an effort to coordinate MEPs more effectively and provide for a more streamlined process of integration. In practice, this effort begins with factory cutouts to accommodate light fixtures.

^E Not used.

^F Not used.

^G Not used.

^H Not used.

^I Not used.

^J Not used.

^K Not used.

^L Not used.