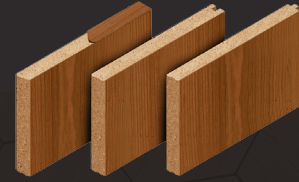


FLAT PANEL DATA SHEET

SYSTEM: FLAT PANEL | STYLE: FLAT PANEL



Veneered panels with nearly endless options for configuration, layout, specie, and style that provide custom design solutions for architectural ceiling and wall applications.



Flat Panels are fully customizable wall or ceiling panels with ample options for layout, attachment, species selection, and edge conditions. Panels with tongue & groove edges are available. Up to 48" x 120" panels can be attached to standard heavy duty grid on the ceilings and via [Z-Clips^E](#) and furring strips on the walls.

Flat Panels are only available in veneer.



DESIGN

Flat Panels are a fully-accessible ceiling or wall system unless direct-screw attached. Panels are suspended from grid by [C-Hangers^A](#), [Torsion Springs & Saddle Clips^B](#), or direct screw attachment. Ceiling panels can also be manufactured with a variety of edge conditions including edge-banded, tegular, lay-in, and side slot. Wall panels are attached with [Z-Clips^E](#). Attachment methods may be limited by face profile.



ACOUSTICS

Flat Panels can be installed with or without a p-gasket at reveals, allowing sound passage to the plenum. Flat Panels are considered **acoustically reflective**.



FIRE PERFORMANCE

Flat Panels can be treated to meet **Class A** as per ASTM E-84. Veneers are applied to an FR (Fire Rated) core (typically MDF or Particleboard).



SUSTAINABILITY

Flat Panels contribute to sustainability initiatives like **WELL** and **LEED** through FSC compliance, NAF cores, HPDs, EPDs, and Indoor Advantage Gold certification.



SEISMIC

Flat Panels may meet code compliance via **direct screw attachment** or [Torsion Springs & Saddle Clips^B](#). Local code should be consulted for additional seismic requirements.



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SPECIFICATION

COMPONENTS

HANGERS

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

SUSPENSION SYSTEM

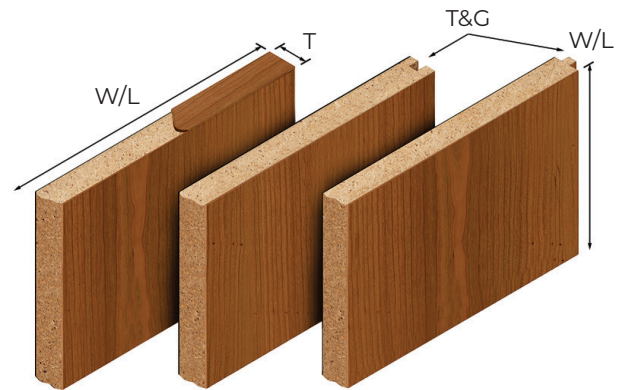
Ceiling Panels should be suspended using standard 15/16" [24 mm] heavy duty grid (contractor-supplied). Tegular or Lay-in ceilings may be suspended using standard 9/16" [14 mm] heavy duty or 15/16" [24 mm] heavy duty grid (contractor-supplied). Mains for 15/16" [24 mm] heavy duty grid shall be a max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

SYSTEM PROFILES & DIMENSIONS

Face profiles can be customized to meet project requirements. The following details provide dimensional and layout-specific parameters:

SYSTEM	FVP
T (THICKNESS)	3/4"
W/L (MAX WIDTH/LENGTH) ¹	48" / 120"

¹W/L - Max width/length are interchangeable



SYSTEM CONSTRUCTION

Panels are manufactured from premium grade veneers adhered to a wood substrate (typically MDF or Particleboard). Face veneer is finished to customer requirements. Panels may be manufactured in sizes up to 4' [1219mm] by 10' [3048mm]. Grain direction typically follows the length of the panel.

INSTALLATION

ATTACHMENT

Ceiling Panels may be suspended from grid using [C-Hangers^A](#) for Lift & Shift access (see drawing AXXX0011) or [Torsion Springs & Saddle Clips^B](#) for Downward Access (see drawing AXXX0012). Panels may also be directly screwed to grid from above (see drawing AXXX0015). Wall Panels may be attached with [Z-Clips^E](#) (see drawing AXXX0013). When supplied with tongue and groove, panels may be direct nailed through the tongue into furring supplied by the contractor (see drawing D-272). Ceiling panels can also be manufactured with a variety of edge conditions including tegular, lay-in, and side slot (see drawing AXXX0016).

SPECIAL CONDITIONS

Ceiling termination at a wall or soffit is accomplished with various trims (for example, see drawing D-120).

SPECIFICATION

WOOD SELECTIONS

WOOD SPECIES

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

TEXTURES

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

FINISHING

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. 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

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

STORAGE

Flat Panels 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

System 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

- ^A C-Hangers are suspension hangers that are direct-screwed to the panel and hang over the heavy duty-grid. The hangers are made of spring-steel with phosphate pre-treatment and corrosion-resistant coating.
- ^B Torsion Springs and Saddle Clips are two parts of a suspension system in which the torsion spring is direct-screwed to the panel and compressed to attach to the saddle clip that is fitted over the heavy duty-grid. Springs and clips are made of spring-steel with phosphate pre-treatment and corrosion-resistant coating.
- ^E Z-Clips are male/female aluminum attachment clips, similar to a French cleat but with a thinner profile, used to hang wood wall panels on furring strips.

TYPICAL DETAILS

