

FLAT PANEL DATA SHEET

SYSTEM: FLAT PANEL | STYLE: FLAT PANEL



Veneered panels with standard layouts for grid systems and easy installation methods that provide elegant design solutions for architectural ceiling applications.



Flat Panels are ceiling and wall panels manufactured in standard, easy-to-install sizes with a square or tegular edge to accommodate heavy duty grid. 2'x2' and 2'x4' panels are available in a limited selection of finishes. Edgebanding is not provided as the mounting method typically conceals the panel edges.

Flat Panels are only available in veneer.



DESIGN

Flat Panels are a fully-accessible ceiling or wall system unless direct-screw attached. Panels are manufactured with a square or tegular edge to simplify installation and provide a consistent reveal. Edgebanding is not provided, as the mounting method conceals panel edges.



ACOUSTICS

Flat Panels are manufactured with a square or tegular edge and non-perforated face and are therefore considered **acoustically reflective**.



SUSTAINABILITY

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



FIRE PERFORMANCE

Flat Panels can be treated to meet **Class A** as per ASTM E84/E2768. Veneers are applied to an FR (Fire Rated) core (typically MDF or Particleboard).



SEISMIC

Flat Panels may meet code compliance via **direct screw attachment**. Local code should be consulted for additional seismic requirements.



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SPECIFICATION

COMPONENTS

HANGERS

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

SUSPENSION SYSTEM

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

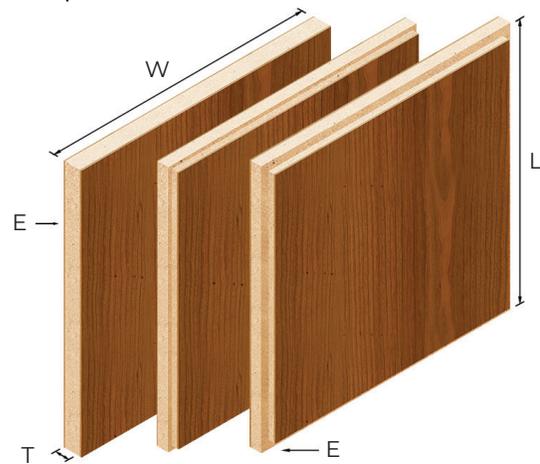
SYSTEM PROFILES & DIMENSIONS

The following details provide dimensional and layout-specific parameters:

SYSTEM	FLAT PANELS
T (THICKNESS)	3/4"
W ¹ (WIDTH)	24"
L ¹ (LENGTH)	24", 48"
E ² (EDGE)	9/16", 15/16" TEGULAR, SQUARE

¹W/L - Width/length are interchangeable

²Edge - No edgebanding



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 incremental sizes up to 2' [610mm] by 4' [1219mm]. Grain direction typically follows the length of the panel.

INSTALLATION

ATTACHMENT

Flat Panels are manufactured with a square or tegular edge condition and can be fitted into 9/16" [14 mm] or 15/16" [24 mm] heavy duty grid (see drawing AXXX0016). Wall Panels may be attached with [Z-Clips^E](#) (see drawing AXXX0013).

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 are supplied in a limited number of wood species at the discretion of the manufacturer.

TEXTURES

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

FINISHING

WOOD FINISHES

Standard finishes include 20-sheen clear (satin). Select n' Ship finishes can be viewed at rulonco.com/sns-finishes. 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

Ⓔ 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

