

PRODUCT SPECIFICATIONS

System XXI® Panel System



TECHNICAL SPECIFICATIONS

All modular panel system components shall originate from ISO 9000, ISO 9001, or ISO 9002 registered facilities. SYSTEM XXI MEETS OR EXCEEDS THE REQUIRED NSI/BIFMA X5.6-1-1993 PANEL SYSTEMS TESTS.

UL Listed

System XXI panels are listed to applicable UL standards and requirements by Underwriters Laboratories Inc. Two of the standards used to evaluate System XXI are UL 1286, Office Furnishings and UL 723, Standard for Test for Surface Burning Characteristics of Building Materials.

Panel Flammability

UL 732 is equivalent to ASTM E84 and National Fire Protection Association Life Safety Code 255. They define acceptable Flame Spread and Smoke Developed indices that have been adopted by the Federal and many State and local Governments as law in the form of building codes or regulations.

Note: The indices are determined on the system, consisting of the core substrate, fabric covering, and adhesive. System XXI panel cores have been judged acceptable for use with UL Recognized Component Fabrics under the UL Office Furnishing Listing Program.

PANELS AND ACCESSORIES

Fabric Acoustical Panels

Product Offering – The panels are offered in heights of 32", 42", 48", 54", 62", 66", 72" and 80". The panel widths offered are 12", 18", 24", 30", 36", 42", 48", 54", and 60". The panels are offered in non-powered and powered versions, and the panel is 2¹/₂" thick.

Panel Construction

Fabric Panel Core – The panel core consists of a galvanized steel frame made from roll-formed steel 'U' channels around the perimeter of the panel, two steel reinforcement gussets on each corner and an expanded steel skin. The 'U' channels are positioned so the open side is towards the frame perimeter, permitting easy cable access. The frame, gussets and skin are resistance welded to form a rigid structural unit. On all panels wider than 42", a third vertical support member shall be resistance welded to the frame. The panels receive their acoustical properties by the use of a single 2" thick sheet of formaldehyde free fiberglass batting. This fiberglass acoustical barrier is enclosed within the steel panel frame and 20-gauge expanded metal sides. The fabric panel is designed to be tackable with the use of 'T' pins.

Panel Raceway – The raceway consists of the following components:

Raceway Pan – A 14-gauge galvanized steel pan runs the width of the panel and forms a third horizontal structural cross member. Two threaded steel nuts are attached to the raceway pan for attachment of glides. The raceway pan allows for the attachment of the interlocks, glides, support housings and spring clips.

Support Housing – Two fiberglass filled, structural nylon support housings will be included in each panel. The support housing provides rigidity to the panel.

Interlock Block – The base of each panel side contains an interlock block. The interlock is made from either die cast aluminum or die cast zinc. The interlocks of one panel will mate with interlocks of adjacent panels providing lateral support and uniform height.

TECHNICAL SPECIFICATIONS (CONTINUED)

Glide – The glides provide for 3 1/2" of vertical adjustment. Each panel contains a minimum of two glides.

Raceway Covers – The raceway is offered in a powered and non-powered version. They are made of 22-gauge powder-coated steel and are 4" high. The powered version contains openings for the use of US standard receptacles. These openings shall have an injection molded bezel to cover the secured with a roof top latch and spring clips at the bottom.

Data Raceway Covers – The raceway covers are of the same construction as the standard raceway covers, but will have a data access opening to accommodate a data faceplate and modular jack. One opening is available on 12"- 60" wide non-powered panels or two openings on 18"- 60" wide panels. The opening(s) are located near the center of the cover. One opening is available on 24"- 60" powered panels or two openings on 36"-60" panels. Data faceplates and modular jacks must be ordered separately by the customer.

Panel Trim Rails – The panel trim rail is made of extruded aluminum and is secured by sliding the rail onto pre-formed flanges extending the entire length of the vertical ends of the panel and fastened with screws. The trim rail is slotted to allow for the placement of hang-on components in 1" vertical increments.

Panel Trim

Top Cap – All panels have a top trim cap made from rigid PVC with trim color permeating throughout the entire part with textured surface to hide fingerprints. Paint or surface coatings are not permitted. Installation of the top cap is a press fit without the use of tools. The top cap is designed to extend the full length of the panel top and shall be joined to the adjacent top cap by a top cap sleeve.

Veneer Top Caps – A rigid PVC top cap wrapped with 1/16" reconstituted wood veneer is also offered. The reconstituted veneer consists of a composite veneer, which will ensure grain consistency. Veneers will be completely penetrated with dye in a computer controlled operation to ensure consistency of color. The final coat is a clear lacquer finish.

Panel-To-Panel Connectors – The panel-to-panel connector must be universal for simplicity in specification and inventory. Panels are joined by a full-height extruded polypropylene hinge. The hinge attaches one panel to the next by sliding into pre-formed slots on the panel trim rail. This same hinge is used to secure panels to corner posts, 'T' posts and wall mount.

Upholstery – Fabric is held in place by an elastic extruded spline rolled into the welting groove on the panel vertical and horizontal members.

Acoustical Properties – The modular office systems acoustical properties will have been tested at independent laboratories using random production samples.

The Noise Reduction Coefficient (Test Method ASTM C-423) – was tested and achieved a value of 75NRC.

Cable Management Capabilities of Straight Panels – Each straight panel allows cable management access around the entire perimeter of the panel. Separation of communication and power cables into top and bottom raceways is accommodated. Capacity is up to 40 (25 pair) cables. Complete perimeter cable management must be incorporated as a standard feature of each straight panel.

TECHNICAL SPECIFICATIONS (CONTINUED)

Glazed Panels

Product Offering – Glazed panels are offered in widths of 24", 30", 36", 42", and 48" and in heights of 54", 62", 66", 72" and 80", and shall be available in a non-powered or with powered version.

Construction – Panels consist of 1/4" smoked tempered glazed surrounded by a powder-coated aluminum extrusion frame and are 2 1/2" thick. The trim of the glazed panel is identical to the acoustical panel.

The cable capacity is the same as in the fabric panels.

Half Glazed/Half Fabric Panels

Product Offering – Panels are offered in the same sizes as the full glazed panels.

Construction – The panel is a combination of the same materials used to build the glazed panel and the standard acoustical panel. The bottom of the panel is a fabric covered acoustical panel that shall be 29" high for worksurface height.

The cable is the same as in the fabric panels.

Half Open/Half Fabric Panels

Product Offering – Panels will be offered in the same sizes as the glazed panel offering.

Construction – The construction of the half open frame/half fabric panel is identical to the half glazed/half fabric panel with the exception that the glaze is removed and the groove for the glaze is filled by a rigid PVC extruded filler.

The cable is designed to be the same as in the fabric panels.

Door-Hinged

Product Offering – Panel doors are available in 36" and 42" widths and 80" height to provide visual and acoustical privacy.

Construction – The construction of the door is corrugated cardboard honeycomb wrapped by hardwood stiles, MDF rails, faced with hardboard and covered with high pressure laminate. The frame is powder-coated aluminum to match other panel frames. The door is available non-locking or locking brushed aluminum lever hardware. The door will provide an opening of 30" x 77" and 36" x 77".

Door-Sliding

Sliding door shall be available in 48" width and 66" height which will cover a 42" opening, and will be constructed of an aluminum frame with poly insert. All sliding doors are non-locking.

Wall Mounts

The panel system allows for fastening a panel run to a wall. The wall mounts consist of a powder-coated aluminum extrusion to allow for panels to be attached to the existing building walls. A panel will be secured to a wall mount with a universal panel hinge. Method of attachment to the existing building depends on the existing wall construction.

Adjustable Wall Mounts

The adjustable wall mounts consist of an aluminum extrusion along with 1/8" thick cork/rubber spacers enclosed in a steel 'U' channel to allow panels to be attached to existing building walls. This unit has a total adjustable depth of 5/8" in 1/8" increments. Method of attachment to the existing building depends on the existing wall construction.

TECHNICAL SPECIFICATIONS (CONTINUED)

90° Corner Post Trim

Product Offering – Trim will be offered upholstered and non-upholstered.

Construction – The modular office system includes a 90° corner post trim whenever panels are joined at 90°. This corner post trim consists of an inside rigid PVC extrusion offered in the same colors as the panel trim. An outside rigid PVC extrusion snaps into the inner extrusion and shall be available upholstered and non-upholstered. The 90° corner post trim will have a molded top available with veneer wrapped PVC and molded bottom cap in order to aesthetically connect with the panel top caps and raceway covers. The corner post will attach to adjacent panels with the universal panel hinge.

Variable-Height Corner Post Trim

Product Offering – Trim will be offered upholstered and non-upholstered. The top cap will be available with veneer wrapped PVC.

Construction – The modular office system includes a variable-height corner post whenever two panels of different heights meet in T-conditions. The variable height corner post consists of an inside rigid PVC extrusion offered in the same colors as the panel trim. An outside rigid PVC extrusion will snap into the inner extrusion. The variable height corner post trim has a molded top available with veneer wrapped PVC and molded bottom cap in order to aesthetically connect with the panel top caps and the raceway covers. The corner post is attached to adjacent panels with the universal panel hinge.

60° Corner Post Trim

Product Offering – Trim is offered in upholstered style only. The top cap is available with veneer wrapped PVC.

Construction – The modular office systems includes a 60° corner post trim whenever panels are joined at 60°. Components are identical in concept as the 90° corner post trim and are fastened to adjacent panels with the universal panel hinge.

T-Post Trim

Product Offering – Trim is offered upholstered and non-upholstered and also with veneer wrapped PVC top cap.

Construction – The modular office system will include “T” post panel trim whenever three panels are joined forming a “T” connection. Components are identical in concept as the 90° corner post trim and are fastened to adjacent panels with the universal panel hinge.

Variable Height T-Posts

Product Offering – Trim is offered upholstered and non-upholstered. The top cap is available in veneer wrapped PVC.

Construction – The modular office system will include “T” post panel trim whenever three panels are joined forming a “T” connection or for four-way conditions.

Components are identical in concept as the variable-height corner post trim and are fastened to adjacent panels with the universal panel hinge.

Panel End Caps

All exposed ends of a panel run are covered with a vertical trim cap. Panel end caps will be made from extruded rigid PVC with the trim color permeated throughout the entire part and surface, and be textured to hide fingerprints. End caps are also available with veneer wrapped PVC and are installed using a snap fit method and require no assembly or disassembly tools. Panel end cap lengths correspond to the different panel heights. An end-of-run top cap is included with each panel end cap.

TECHNICAL SPECIFICATIONS (CONTINUED)

Inline Variable Height Panel End Caps

All exposed ends of a panel run are covered with a vertical trim cap when inline panels are of different heights. Panel end caps are made from extruded PVC, with the trim color permeated throughout the entire part and the surface textured to hide fingerprints. End caps are also available with veneer wrapped PVC and are installed using a snap fit method which requires no assembly or disassembly tools. Panel end cap lengths correspond to the different panel heights, and end-of-run top cap is included with each panel end cap.

Two-Way Caps

Injection molded two way top caps are available for spanning the gap when panels are assembled requiring a two-way cap. The trim color permeates throughout the entire part. Two-way caps are also available with veneer wrapped PVC.

Four-Way Caps

Injection molded four-way caps are available to cover the gap that exists when four panels are connected to each other at 90°. The trim color permeates throughout the entire part. Four-way caps are also available with veneer wrapped PVC.

Panel Center Mount

A panel center mount allows a panel to be connected 90° along an adjoining panel at any point except directly on the panel joint. It is available only to join panels of similar height and does not allow for the transfer of power.

Inline Fabric Spacer

The inline fabric spacer is an upholstered plastic and aluminum extrusion that is used to provide a 2½" space along a run of panels. The inline fabric spacer consists of two PVC extrusions that attach to a rigid aluminum extrusion. The bottom trim plate and top cap are injection molded with color throughout. The part also includes two polypropylene hinges. The spacer allows the panel runs to line up with each other.

WORKSURFACES AND ACCESSORIES

Rectangular Worksurfaces

Product Offering – The standard rectangular worksurface is offered in widths of 24", 30", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", and 96". The worksurfaces are offered in 24" and 30" depths.

Construction – Worksurfaces are available in two surface types: high-pressure laminate and reconstituted wood veneer, and four edge styles. Surfaces are constructed of a 45 pound density particle board core.

The laminate worksurface cores are encased in a 0.030" backer and a 0.030" face sheet of high-pressure laminate. Laminate worksurface edges are trimmed with either a 2mm edge banding, extruded flat vinyl T-molding, or an elliptical profile post formed front edge with color matched 0.02" vinyl edge banding on all other edges.

Wood veneer surfaces have 0.030" veneer faces laminated to the core and finished with an elliptical profile solid reconstituted wood front edge with all other edges being banded with 0.030" reconstituted veneer.

All worksurfaces with flat vinyl T-edge are pre-drilled for cantilever brackets and hanging pedestals. Corner surfaces are pre-drilled for keyboards. The 60" wide surfaces have an integrated steel reinforcement to allow adequate support for load bearing. The worksurfaces are supported by one-piece 14-gauge steel cantilever brackets. These brackets prevent dislodgment by the use of an integral top bracket tooth. All worksurfaces that are 66" wide or larger, along with corner worksurfaces, shall have one right cantilever bracket and two left cantilever brackets.

TECHNICAL SPECIFICATIONS (CONTINUED)

90° Corner Worksurfaces

The 90° corner worksurfaces are available in Diagonal, Curvilinear, and Dual Curvilinear options in various widths and depths. The post-formed/elliptical edge is not available in the laminate series when the front edge is curved. The post-formed/elliptical edge is available on straight edged corner surfaces. The 90° diagonal corner worksurface will have a center round grommet as standard with T-mold edge. The curvilinear, dual and curvilinear options will have rectangular shaped grommets as standard.

Shaped Worksurfaces

The shaped worksurfaces are available in Peninsula, Square Shoe, Conference End, Mobile, and Quarter Round options in various widths and depths.

Variable-Height Front Surface Adjustment Mechanism

Product Offering – The variable-height adjustment mechanism mounts underneath the dual curvilinear front worksurface and is available in black powder-coated finish only.

Construction – The construction shall be steel construction finished in a durable black powder-coat paint, and offers front surface height adjustment and tilt. Height adjustment of $5\frac{3}{4}$ " below and 7" above worksurface. Tilt adjustment of 9° positive and 15° negative. Mechanism has a 20 lb. capacity spring assist for ease of adjustment.

Worksurface Vertical Fillers

A worksurface vertical filler is available to fill the gap when one worksurface drops from the standard 29" down to an adjacent 26" typing-height worksurface. Worksurface vertical fillers are available in 24" and 30" widths. The height of the worksurface vertical filler is 3". The construction of the worksurface vertical filler shall be 15-gauge steel, and is powdercoated to match the trim colors of the panel. The worksurface vertical filler is attached to the worksurface through the use of wood screws.

Keyboard Trays

Keyboard trays will be available with or without a mouse tray. They shall be ergonomically shaped, made of low profile ABS plastic and feature anti-skid grip strips. Each includes a snap in foam gel wrist rest, easy to clean track of no more than 23", adjustment of 3" up and $7\frac{3}{4}$ " down without knobs or levers, and $7\frac{1}{2}$ " of extended length neck. A 359° swivel allows user to move keyboard freely. +/- 15° tilt is provided.

Sliding Keyboard Drawer

Drawer consists of a molded plastic tray mounted to steel ball bearing drawer slides. Drawer slides are 16" long with height adjustment at 3", $3\frac{1}{2}$ " or 4". The keyboard tray is of molded plastic with non-skid surface and molded palm rest. Keyboard tray measures $20\frac{7}{8}$ " wide by $10\frac{1}{2}$ " deep.

Sliding Keyboard Drawer with Mouse Tray

Drawer consists of molded plastic tray mounted to steel ball bearing drawer slides. Drawer slides are 16" long with height adjustment at 3", $3\frac{1}{2}$ " or 4". The keyboard tray is of molded plastic with non-skid surface and molded palm rest. Keyboard measures $20\frac{7}{8}$ " wide by $10\frac{1}{2}$ " deep. The mouse tray measures 9" wide by 9" deep. The sliding keyboard drawer with mouse tray shall be available in black only.

Worksurface Grommets

Circular worksurface grommets, $2\frac{3}{4}$ " I.D. and 3" O.D. are standard on T-edge worksurfaces. Trapezoidal shaped worksurface grommets, $2\frac{1}{2}$ " x 6" are standard on 2mm edge, post-formed/elliptical edge laminate. The worksurface grommet consists of a two-piece molded component with the ability to remove the top cover to allow full access to the grommet hole.

TECHNICAL SPECIFICATIONS (CONTINUED)

Worksurface Support Panels

The support panels are available in the following sizes: 26" and 29" height and 24" and 30" depth. The worksurface support panel is 1 1/4" thick and constructed of 45 pound density particleboard with high-pressure laminate on both sides or high-pressure laminate on one side with fabric on the other side. The front edge of the high-pressure laminate panel will be either a flat vinyl T-edge, 2mm edge or a post-formed/elliptical edge. The worksurface support panel brackets prevent dislodgment from the vertical post of the panel. There will also be an 18-gauge support bracket that attaches to the side of the support panel and to the underside of the worksurface.

Center Drawers

Product Offering – The locking center drawer is available. Dimensions are 2 1/2" height, 17 7/8" width and 17" depth.

Construction – The center drawer is formed of steel construction with a molded plastic component tray.

Countertops

The countertops are offered in widths of 24", 30", 36", 42", 48", 54", 60", 66", 72", 78", and 84" with a countertop depth of 16". Countertops are also available for 90° corners. Construction of the countertops is identical to the construction for the rectangular worksurfaces. The bracket to support the countertops consists of steel brackets and locking clips to prevent dislodgment. The brackets are mounted on the inside of the workstation allowing for a 4" extension over the top of the panel to conform to ADA guidelines. The countertops also accommodate a task light.

Wall Track

Product Offering – Wall track is available to allow for hanging of components onto an existing structural wall in the identical method as if the components were hung on System XXI panels. Available in either 66" length or 84" length.

Construction – The wall track consists of a double slotted aluminum extruded rail with powder-coat finish in the panel trim colors.

Coat Hook/Picture Hanger

Product Offering – Coat hook is available to allow for hanging of coats or pictures.

Construction – The coat hook consists of injection molded plastic available in panel trim colors and must be attached to top edge before top cap is installed.

OVERHEAD STORAGE AND ACCESSORIES

Venus® Overhead Storage

The overhead storage unit has door(s) that are mechanically assisted in such a way as to keep the door(s) balanced throughout its operation such that the action of both opening and closing is automatically controlled so the door doesn't spring open or slam closed.

The product is offered in widths of 30", 36", 42", 48", 54", and 60". Each Venus overhead storage unit includes separate brackets, which allow for either on- or off-module mounting. On-module storage unit shall mount into slots in the vertical posts. Storage unit must be same width as the panel to which it is mounted. Off-module storage units mount into the integral track in the horizontal rail, allowing cabinet to slide along the track. Venus storage unit may also be up-mounted onto a panel.

The overhead storage unit structure and mechanical assist mechanisms have a lifetime warranty.

The overhead storage unit will comply with the Americans with Disabilities Act ADA 4.2.5 and 4.2.6, whereby a user shall not reach higher than 48" from the floor to the front of the user or no higher than 54" to the side.

TECHNICAL SPECIFICATIONS (CONTINUED)

The overhead storage unit complies with the Americans with Disabilities Act ADA 4.27.4 whereby the door shall be operable with one hand and shall not require fight grasping, pinching, or twisting of the wrist. The force required to operate the door (open and close) shall be no greater than five foot pounds.

The door of the overhead storage unit opens to the outside of the cabinet to help prevent the storage of unsightly papers on the top of the cabinet, yet there is a narrow space at the rear of the cabinet to allow plants or other small items to be displayed.

The overhead storage unit accommodates standard American size three ring binders as well as A4 and Folscap sized binders, up to 13³/₄" high.

The overhead storage unit is available with an upper door that can be upholstered in fabric as well as offered in solid colored, translucent, and high-pressure laminate.

Universal Overhead Cabinet

The product is offered in widths of 24", 30", 36", 42", 48", 54" and 60". The overall dimensions of the end panels are 16¹/₂" high and 14¹/₂" deep. The shelf depth is 13¹/₄". Each cabinet includes separate brackets, which allow for either on- or off-module mounting. Off-module cabinets mount into slots in vertical posts. Cabinet must be same width as the panel to which it is mounted.

Off-module cabinets mount into the integral track in the horizontal rail, allowing cabinet to slide along the track. Overhead cabinet may be up-mounted onto a panel. Door fronts are offered in steel, fabric, laminate, and veneer versions with a dual-durometer PVC extruded handle. The door front will operate on a rack and pinion gear system and utilizes a center lock mechanism. The door front will store recessed inside the cabinet with the handle exposed. The steel door front consists of honeycomb core constructions with a powder-coat finish. The construction of the fabric door front is identical to the steel door front except that the outer surface of the door front is covered with fabric. The laminate door front is constructed of high-pressure laminate covering a particleboard core.

Regular Shelf

The product is offered in widths of 24", 30", 36", 42", 48", 54" and 60". The overall dimensions of the end panels will be 16¹/₂" high and 14¹/₂" deep. The shelf depth is 13¹/₄". Each shelf includes separate brackets, which allow for either on- or off-module mounting. On-module shelf will mount into slots in vertical posts. Shelf must be same width as the panel to which it is mounted. Off-module shelf mounts into the integral track in the horizontal rail, allowing shelf to slide along track. Shelves may be up-mounted onto a panel. The end panels are constructed of 14-gauge steel with a powder-coat finish. The shelf is constructed of 18-gauge steel weldment with a powder-coat finish.

Low Shelf

The product is offered in widths of 24", 30", 36", 42", 48", 54" and 60". The overall dimensions of the end panels are 9¹/₂" high and 14¹/₂" deep. The shelf depth is 13¹/₄". Each shelf includes separate brackets which allow for either on- or off-module mounting. Shelves may be up-mounted onto a panel. The end panels are constructed of 14-gauge steel with a powder-coat finish. The shelf consists of an 18-gauge steel weldment with a powder-coat finish.

Plastic Paper Management

Product Offering – The following products shall be available:

- Tool Rail
- Paper Tray Unit
- Diagonal Storage Unit
- Vertical Storage Unit
- Telephone Caddy
- Accessory Tray
- Pencil Cup

TECHNICAL SPECIFICATIONS (CONTINUED)

Construction – The tool rail is constructed from a powder-coated aluminum which attaches to the panel. The rail consists of four slots to accept paper management components. The paper management accessories are constructed of molded plastic and are available in six finishes and mount to the tool rail with molded hooks.

Shelf Dividers

Product Offering – Shelf dividers are offered in the same color trim as the panels.

Construction – The shelf dividers are 7¹/₄" high and 11¹/₂" deep, of powder-coated steel. Installation or removal is to be accomplished without the use of tools or fasteners.

Tackboards

Construction – The tackboard is constructed of 3/4" industrial insulation board covered with fabric. The mounting brackets are of steel, powdercoated and attached to the coreboard with T-nuts and machine screws. Fabric is attached to the coreboard with staples.

CPU Sling

Product Offering – Vertical CPU sling that supports and stores the CPU beneath the worksurface available with providing a 360° swivel and 5¹/₂" travel range.

Construction – The CPU sling is constructed of a steel mounting plate with 17³/₄" track which attaches to the underside of the worksurface. Front and back bumpers are included to prevent over travel. CPU sling is held by an adjustable strap to accommodate most computers and has a positive locking clamp. The CPU sling is finished in durable black powder-coat paint.

Markerboards

Product Offering – Markerboards are available in a height of 32" and widths of 30", 36", 42", 48", 54" and 60".

Construction – The markerboard is constructed of painted aluminum framed units with a white porcelain painted marker surface. The markerboard surface is magnetic, with an eraser and markers. The markerboards will mount in the trim rail slots of a panel the same width as the board or to wall track.

ELECTRICAL

The factory installed US standard electrical system supplied for the modular office system consists of an 810 electrical system. This design consists of either six hot wires, two neutral wires and two ground wires – (6-2-2), which provide 6 separate 20-amp circuits or four hot wires, four neutral wires, and two ground wires – (4-4-2) which provide four separate 20-amp circuits.

Power Options

Power is supplied through an 810 electrical system. For power at heights other than base height, the panel must be specified with a raceway tile at the appropriate height. Rigid wireway can be mounted to any horizontal rail and snaps in with injection-molded clips. Power shall be available at the following heights:

- a. Base-Height Power – found in the 4" base raceway of the panel

Panel Rigid Wireway

A rigid one-piece wireway is attached to the raceway panel by four machine screws. The wireway design allows a snap connection through the use of jumpers. These jumpers will connect the rigid wireway of one panel to another through the use of jumper harnesses.

TECHNICAL SPECIFICATIONS (CONTINUED)

Base Infeeds

The electrical system permits power infeed along the base raceway of the panel. Base infeed power shall feed into the rigid wireway of the panel raceway through the use of a metal clip connection to the rigid wireway. The base infeed shall be constructed of a 6' long, 1/2" liquid-tight flexible metal conduit that contains ten wires with a receptacle type design allowing for quick installation and removal. The infeed is designed to be non-handed.

Top Infeeds

The electrical system permits power infeed through the top of the panel. The top infeed assembly shall consist of a 7' extruded aluminum power pole, top cap and ceiling trim and 12' flexible conduit containing ten wires to span the ceiling with a snap fit attachment for connection to the rigid wireway. The interior of the power pole shall be divided for power and communication management.

Data Top

The data top infeed consists of a 7' aluminum extruded power pole, top cap, and ceiling trim pieces, but does not include power infeed wiring.

Power Pass Through

The electrical system provides for a method of passing power from one powered panel through the raceway of a non-powered panel and connected to the powered rigid wireway of the next panel. This power pass through attaches from the one powered panel to the next with a snap fit connection that requires no tools for assembly.

Receptacles

The receptacles for the modular electrical system are injection molded components which press fit into the rigid wireways of the panels. The rated capacity of the duplex receptacles is specified as 15 amps.

Electrical System Test Requirements

The panel system including the modular US electrical components shall be listed with applicable UL standards and requirements by Underwriters Laboratories, Inc.

Overhead Cabinet Task Lights

Task lights are available and suspend from the shelf and overhead cabinet. The task light mounts flush with the underside of the shelf and overhead cabinet. Task lights are offered in standard panel trim colors. The task light has a 9' cord. Cords can be concealed by tucking between the reveal along tiles.

Countertop Task Lights

Task lights are available which suspend from the underside of the countertop. Task lights are offered in standard panel trim colors. The task light has an 8' cord. Cords can be concealed by tucking between the reveal along tiles.