

# AIS A02

## Specification Tips

### Panel Connections:

- Panel Connectors need to be specified separately. Please see your Herman Miller AO1/AO2 catalog for specific specification instructions.

### Panel Supports

- Worksurfaces do not come with supports. When specifying panel mounted worksurfaces, you will need to also specify the appropriate support.
- Shared Cantilevers are used where two surfaces meet. Herman Miller has left and right handed shared cantilevers. You will only need to be specific to the side when using an application such as the ½ spanner surface at the end of a panel run. In any other application, you can evenly distribute the number of lefts and rights.
- Flat Plates are used with shared cantilevers to add support to the front of the surface.
- Left and Right Cantilevers are required to support the left and right sides of unsupported surfaces. Use the 24" for 24"D surfaces and the 30" for 30"D and 36"D surfaces. When supporting a surface deeper than 36", be sure to add front support to ensure stability.
- Side-Support Rear Brackets are used to support the back corner of all corner surfaces. In applications where you have two panels perpendicular to each other, you can specify either a left or right side support rear bracket. In applications where you only have one panel adjacent to the corner, specify the bracket that corresponds with the side of the panel (left or right) the corner of the surface meets.

### Floor Supports

- Pedestals are supporting pedestals – they come, by default, without a top (there is no need to specify any additional hardware when supporting with a pedestal). The pedestals come with glides which can be adjusted so the pedestal meets the surface (adjustable from 27.75" to 29"). A 24"D pedestal will support a 30"D surface. It is suggested when using this application, that a Side Support Rear Bracket is also used to support the back corner of the surface.
- Standard End-Panels come with brackets which hook into the hanger frame of the panel. They are not handed and can be attached on the left or right side of the surface.
- Interlocking End-Panels do not come with brackets. They come with interlocks located 6" in from the left and right side of the end-panel and also interlocks in the center of the end panel (there are a total of 3 interlocks at the top of the end-panel and a total of 3 interlocks at the bottom of the end-panel). The Interlocking End-Panels can be used with Perpendicular Supports and Modesty Panels. To create a "T-Base", specify an Interlocking End-Panel of whatever width your application calls for and a Perpendicular Support of whichever width your application calls for.
- Perpendicular Supports are designed to work ONLY with the Interlocking End-Panel. Perpendicular Supports come in varying widths. As a general guideline, when specifying 24"D surfaces at a seam, create a "T-Base" using a 12" Perpendicular Support with 2 Flat Plates. When specifying 30"D surfaces at a seam, create a "T-Base" using an 18" Perpendicular Support with two Flat Plates.

- Modesty Panels will ONLY work with Interlocking End-Panels. The locks designed on the Modesty Panels will work ONLY with the Interlocks on the Interlocking End-Panel. This will create a freestanding desking system.

### **Electrical**

- Non-Powered Panels have an empty raceway cavity and come with base covers without knock/outs. Should knock/outs be required, you will have to specify them separately as an option in the Bill of Materials.
- Non-Raceway Panels (also known as “Standard” panels) have no raceway, they are fabric from floor to top-cap. They can be retrofit with raceway kits in the future should the application call for it, however all the connectors will need to be adjusted as well. Should you have questions in regards to this application, please contact the AIS Design Team.
- Powered Panels have a raceway cavity containing a powerway (harness) as well a base covers with two knockouts in each cover.
- Electrical Panel to Panel Connectors will only connect to powerways. They are designed to connect two powerways at a straight connection or two powerways as a 90 degree connection.
- Extended Panel to Panel Connectors will only connect to powerways. They are designed to connect two powerways at a three or fourway connection. They are long enough to bridge the gap encountered in this type of panel configuration.
- Electrical In-Feeds will only connect to a powerway. In-Feeds do NOT connect to electrical pass through jumpers or electrical panel to panel connectors. Base In-Feeds will feed in through the base of the panel and Ceiling In-Feeds will feed in through a power pole from the ceiling.
- Ceiling In-Feeds do NOT come with a power pole. Power Poles must be specified separately and can be found in the “Accessories” section of the design software you are using.
- Electrical Pass Throughs connect powerway to powerway when two powered panels are “broken” by a non-powered panel. Specify the electrical pass through that corresponds with the width of the non-powered panel. Electrical pass throughs do NOT connect to each other.
- When connecting with an electrical Pass-Through over a three or four-way connection, use the Extended Pass-Through Jumper that corresponds with the width of the non-powered panel.
- Extended Electrical Pass-Throughs are available for the 12” width, 48” width and 60” width panels. Should you need to use an extended pass through jumper for a width not listed, simply use the next size up. For example, if you need to pass through a 30”W panel at a threeway connection, you would use the 36”W Electrical Pass Through.
- One Duplex contains two receptacle units.
- One Powerway (any size) can accept up to four duplexes (two per side).

### **Accessories**

- All Keyboard Trays come with a Wrist Rest. The Mouse Tray needs to be specified separately.
- Extended Keyboard Trays will need to be used when specifying curvilinear surfaces. The exception: If specifying a cockpit corner you do not need to use the Extended Keyboard Tray, the regular Keyboard Tray will work in this application.
- Data Jack Kits can be specified in a powered or non-powered panel. When specifying in a non-powered panel, be sure to remember to choose the “Data Knock Out” option in the bill of materials for the appropriate panel(s). This will result in a \$15.00 upcharge per panel.
- If specifying a Data Jack Kit in a powered panel, remember there is only room for a total of four duplexes OR four data kits per panel (four available holes per panel). Duplexes and

Data Jack Kits cannot be combined to use the same hole in the panel. There will be no additional upcharge when placing data kits into a powered panel because the panel comes with the knock/outs in the base covers.

- Grommets can be added to any surface. You will need to place them on your drawing in the appropriate place. When specifying the grommet in the bill of materials, remember to delete the actual grommet line from the bill of materials and choose the option for the worksurface of the grommet needed. Corner Worksurfaces should be specified with a minimum of a “B” grommet so there will be a place to feed the wires through.
- Power Poles for the Herman Miller systems are double channeled and contain a septum in the center of the pole. The pole can connect at a two-way, three-way or end of run connection.
- It must be specified separately from the electrical ceiling in-feed. It can accept data wires, electrical wires or both. The pole is approximately 2” x 4”.
- Tasklights mount to the underside of the overhead and shelving units. It is suggested that you use the tasklight which is one size smaller than the size of the overhead. For example, if you have a 48”W overhead, it is suggested you use a 36” tasklight. The tasklights will fit under the same size overhead as they are 4” shorter than the noted width, however, it can be a tight squeeze, so AIS suggests you go smaller. For example, a 24” tasklight is 20” wide, a 36” is 32” wide and a 48” tasklight is 44” wide.
- Walltrack is used to hang components and surfaces where you are not using panels. For AO2, the Walltrack can be shared. For example, if you are hanging two overheads next to each other, you can use three Walltracks, one for each side and one for where they meet. It is suggested you use 60” Walltrack unless you are stacking overheads.
- Tasklight Cord Managers aide in the management of tasklight cords running from the shelf to a base outlet. AIS is specifying Tasklight Cord Managers for all systems when base electrical is used.
- Tool Rails and Paperflow Accessories are available for the Herman Miller AO product. Please contact AIS Customer Service for model number and pricing.

### Storage

- Flipper Door Units and Full Height Shelves are 15.5” high. It is best to specify them on panels 67” and higher. Half Height Shelves are 7.5” high. It is best to specify them on panels 53” and higher. \*NOTE\*: In a straight line drop down connection, an overhead can be specified however, there is an additional kit you will need to order which is not in the catalog. When dropping down in a straight connection, the hanger frame is cut from the higher panel leaving the overhead with nothing to hook in to. The kit which is available includes all the necessary hardware to reassemble the hanger frame from the height of the shorter panel to the height of the taller panel. This will allow you to successfully hang your overheads in this application. Please contact AIS Design or Customer Service for model numbers and pricing for these kits. Have the height applications ready as the kits correlate directly with the HiLo situation on the drawing.
- Flipper Door Units are fabric covered wood fronts with wood ends and a metal shelf pan. Shelving consists of wood ends and a metal shelf pan.
- AIS is specifying ONLY metal overheads and shelving units for Herman Miller product. The part numbers and pricing are not currently in any of the design software, so you will need to manually change the specification portion of your bill of materials. For model numbers and pricing, please contact AIS Customer Service.

### DESIGN SOFTWARE ISSUES

- There are a few known design software issues. Please contact the AIS Design Team for a list of those issues or to report an issue you may be having.