

Xone Technical Specification

Testing Standard

Xone is fully tested against ANSI/BIFMA X5.6-2003 and AFRDI approved to Australia Standard AS/NZS 443:1997.

Frame

Base Frame, To Floor

All panel frame assemblies are shipped complete with optional top trim and raceway covers. Hardware consists of nuts, bolts, and an aligner pin to connect frames in an in-line condition is included when ordering a frame. Frames can be configured in 2, 3, and 4-way 90 degree conditions using separately specified corner block connectors with trim covers All glass panels and panel frames (with tiles) have an overall thickness of 3" (76.2mm).

The panel frame consists of four roll-formed 1.6mm cold rolled steel tubes welded together at the corners into a rectangular frame and finished using an powder coating process.

Integrated slots in the vertical panel frame tubes will allow components to be mounted in 1" (25.0mm) intervals. The Horizontal tubes are punched to allow setting Top trim and Bottom trim. The frame are shipped complete with two adjustable foots, two foot plug, three nuts, three washers and three bolts. Adjustable foot is made from PP insert M10x75 bolt. Foot plug is made from 30% glass filled Nylon.

Based Frame, Raised. See Base Frame, To Floor as reference.

Add-On Frame

The frame consists of two posts made from roll-formed 1.6mm thickness steel, one cold rolled steel tube and four plates welded together at the corners into a rectangular frame and finished with powder coating. Frame is shipped complete with four screws. Specially, Xone system have extended add-on frame to span two bases frame.

Power Blade Base Frame, To Floor

The frame consists of two posts made from roll-formed 1.6mm thickness steel and two cold rolled steel tubes welded together at the end side into a rectangular frame and finished with powder coating. Integrated slots in the vertical panel frame tubes will allow components to be mounted in 1" (25.0mm) intervals. The horizontal tubes are punched to allow setting Top trim and Bottom Trim The frame can also be retrofitted for power and data below the work surface or standing height levels. The frame are

shipped complete with two adjustable foot, two foot plug, three nut, three washer, three bolt.

Adjustable foot is made from PP insert M10x75 bolt. Foot plug is made from 30% glass filled Nylon.

Power Blade Base Frame, Raised. See Power Blade Base Frame, To Floor as reference.

Xone Wing Wall

Wing wall consists of 4 powder coated Aluminum frame assembled together into a Frame assembly. Frames are formed aluminum tube. 2 surface panel and honeycomb board was bond together using Poly-urethane and VAC. The bonding between surface panel and frame are poly-urethane. The thickness of wing wall is 38 mm. There are 2 kind of panel, powder coating steel panel and Fabric covering MDF board panel. the panel can be monolithic or segment.

Panel junctions

Panel junction are available for panel connection in 2-way, 3-way, 4-way, Dummy, "U", 120° 2-way, 120° 3-way. Junctions for in-line conditions are carriage bolts with flanges nuts. These Junctions add additional dimension to the overall width of the panel. The junctions consists of two extruded aluminum 3mm thick connector which bolt to the panel using carriage bolts and nuts, a light block that snaps into the connector. For Junction including,

Off-module Kit

For Xone, has its own kit, user could adjustment off module position. Off-module Kit is consisted of one cold rolled steel tubes and two mount plate welded together at the corner finished with powder coating.

Trim

For Xone has End trim, Simple Top trim, Grooved top trim, bottom trim. All trim is made from aluminum 6060-T5 or 6063-T6.

Tile

Xone has five kinds of tile, Painted tile, Fabric tile, white board tile, Accessory tile, Acrylic glazed tile. All types tiles have mount on the post of the panel of frame.

Painted tile/fabric tile made of 0.7mm steel mount with four steel clips to hook on the post of frame. The two types allow you to reach a higher acoustical level if desired. The tile includes 1pcs Horizontal seal, two vertical seals and four steel clips. Horizontal seal material is PVC, clips material is 1050 spring steel. Vertical seal material is Santoprene.

White board tile made 0.7mm steel mount with four steel clips to hook on the post of frame. the type tile provide the function that allow you to write information in tile

surface. Including 1pcs Horizontal seal, two vertical seal, and four steel clips. Horizontal seal material is PVC, clip material is 1050 spring steel. Vertical seal material is Santoprene.

Accessory tile is composed extruded aluminum flats and hooks hands finished with powder coating.

The type is shipped complete with one Horizontal seal and two vertical seal. All seals are made from Santoprene.

Acrylic Glazed tile is constructed of four powder coating extruded aluminum rail machined, connected at the corners by left hands hooks and right hands hooks and Acrylic screen. Including 1pcs Horizontal seal, two vertical seal, Horizontal seal material is Santoprene, Vertical seal material is Santoprene.

Panel Attached Screens (Toppers)

Panel attached screens consist of two, 1.25" (31.8mm) diameter x 16 gauge (.060, 1.5mm) vertical steel columns with a threaded post welded into one end. The post attaches to a threaded fastener that inserts into and compresses against the center slot of the panel's grooved top cap. A 7/16" (11.1mm) diameter rod with slots in each end attach to the top of the vertical columns and is held in place by two, pressure-fit, plastic end caps. Two screen types are available. The 1/8" thick translucent screen (white or gray acrylic material or PETG material in various colors/patterns) attaches to the rod with plastic clips. The fabric scrim screen has the top and bottom edges hemmed to allow sliding over the rod and to slide in an additional rod at the bottom of the pad that acts as a weight to hold the bottom of the screen in place. Screens can also be specified to share a vertical column between two units.

Desk and Floor Height Banners

Desk and floor height banners consist of two pieces of 7/16" (11.1mm) diameter steel rod welded together to form an "L". This assembly attaches to the panel connector with two, extruded aluminum brackets fastened to the connector with self drilling screws. Two screen types are available. The 1/8" thick translucent screen (white or gray acrylic material or PETG material in various colors/patterns) attaches to the rod with plastic clips and is secured by plastic grips that clamp onto the edge of the screen. The fabric scrim screen has the top and bottom edges hemmed to allow sliding over the rod and to slide in an additional rod at the bottom of the pad that acts as a weight to hold the bottom of the screen in place.

Cable management

Cable trough is made by roll forming. Two mount brackets made from 1mm thickness spring steel. And for cable trough should finish with powder coating.

"Y" Ducting is consisted of six Y duct and three U duct. Y duct is injected with ABS. U duct is made from Rigid PVC.

Work Top and Support

All worktops are made from 25mm particle board laminated with 0.7mm thick HPL (high pressure laminate) and backer. Worktop edge is made from 2-3mm thick PVC strip.

Worktop supports include cantilever brackets handed and sharing, desk hook handed, and joiner flush mount.

Cantilever Bracket is made from 2.0mm thick steel finished with powder coating. It comes complete with four screws.

Desk Hook cantilever is made from sheet 2.0mm thick steel with powder coating finish. It comes complete with 2 screws.

Joiner Flush Mount is made from PP.

System storage and System Accessories

Flat shelf on Modular is constructed of Panel End open-shelf handed and shelf. Panel End open-shelf is made of 1.5mm steel, shelf is made of 1.2mm mild steel.

Over Head Storage is constructed of 1.1-1.5 mm steel sheet, the hook bracket is made from 2.5mm steel sheet and the lock bracket is made from 2 mm steel sheet. Open shelf panel is made from 1.1mm steel sheet. The hook bracket is made from steel rod diameter 8mm. Connection of the open shelf panel is LAMP soft close hinges with adjustable closing speed.

Task light may be specified separately and concealed behind the reveal of a shelf or overhead storage unit. The cord is field changed.

Accessories including W-tray, Book, end, Keyboard sleeve, accessory tray, document tray, magazine tray, telephone tray, CD back, Vertical book tray, are made from sheet varies of 1.2mm thick steel with powder coating finish.