



FOOTWALL/SINKWALL



PRODUCT DESCRIPTION

Overview

The Form® footwall/sinkwall is a UL-listed, surface-mounted, configurable assembly which is created by combining a variety of standard service modules such as cabinets, wardrobes, and sink modules. A steel chassis provides structural support for the service modules while allowing for adjustment to maintain proper alignment between wall sections.

The chassis is shipped in multiple vertical sections which join together via a uniquely designed interlocking stud system which ensures that each section is secured tightly to and aligned properly with the other wall sections. The wall sections are assembled on custom base assemblies which are easily adjusted for proper location. These base assemblies also provide a flat level surface on which to construct the frames. For units that terminate at the floor, the base assembly consists of two pieces. The bottom section of the base is anchored to the floor. The top section is able to pivot on the bottom section so that the top surface of the base can be leveled perfectly and is then secured in place with mechanical fasteners. For “floating” frames which do not engage the floor, the base assembly is simply secured to the interior wall surface via mechanical fasteners into the blocking inside the wall cavity, which is required to provide sufficient anchorage.

The service modules and panels are shipped individually and hung on the chassis after it has been properly installed. Each service module and panel comes with temporary hanger brackets that allow the unit to be hung from the chassis and adjusted for proper alignment with adjacent modules. After the service modules have been properly aligned they are permanently secured to the frame with fasteners. Panels are locked in place via special brackets which are accessed from the sides of the walls. This provides a clean wall surface with no visible fasteners.

The trim kits for the Form® footwalls/sinkwalls provide an unparalleled final fit and finish. Units that attach to the floor have an integral base which provides a structure for trim (provided by others) to be attached to. Units that extend to the finished ceiling come with crown molding that can be adjusted to follow a misplaced or misaligned finished ceiling. The sides are either trimmed out with a 3DL endcap or an anodized aluminum extrusion which is fitted with vinyl trim that forms to the contours of the interior wall surface and includes either a Vertical Track, cord management or a decorative HPL anodized aluminum insert.

This product line can also include electrical services and integrated horizontal channels for accessories.

Options

Vertical sections of the Form® Footwalls/Sinkwalls are available in four optional widths: 18", 24", 32", and 36". There are several options for the height, as well. The walls can originate at the floor or begin at 15" above the finished floor. They can terminate at the finished ceiling line, extend above the finished ceiling, or terminate below the finished ceiling at a height of 84" or 90" above the finished floor.

Electrical services can be included and will come pre-wired to junction boxes which have optional locations. The walls can be "back-fed" having junction boxes within the wall cavity, or they can be "top-fed" with junction boxes above the finished ceiling

Service modules include lower cabinets, upper cabinets, wall panels, wardrobes, and sink modules. These modules are created from a combination of precision cut, membrane-pressed MDF panels which provide durability while maintaining a clean designer look.

There are also several options for side-trim: Vertical Track, cord management, or decorative side trim (either a 3DL endcap or HPL anodized aluminum insert).

CONSTRUCTION

Structure

The chassis of the units (including studs, nailers, electrical boxes, anchoring plates, and bases) are constructed of 16-gauge steel. The horizontal channels for accessories are heavy-gauge anodized aluminum and are attached to the chassis by means of mechanical fasteners. The chassis of the unit will typically be shipped in multiple sections consisting of the base and individual chassis sections (determined by the choice of service module sizes).

Fascia

Modular offers 3D laminate selections in standard options from manufacturers such as Renolit, Surface Source International (SSI), Omnova, Ambtra and Dackor. PET options are also available from Ambtra. If a material with a higher impact resistance is required, Renolit Armouren is available. See table below to find which type is available in each brand. Each of these brands and types of 3D laminate have been tested per ASTM E-84 and assigned a flame spread index (FSI) and a smoke developed index (SDI). Section 803.1.1 of the International Building Code uses the FSI and SDI to group interior finishes into one of three classes; A, B, or C. The results of each test are listed below along with the interior finish classification according to IBC.

Laminate Brand	Type	Core Material	Class
Renolit	Standard PVC	Standard MDF	C
Renolit	Armouren PVC (Impact Material)	Standard MDF	C
Renolit	Standard PVC	Fire-Rated MDF	A
SSI	Standard PVC	Standard MDF	B

Laminate Brand	Type	Core Material	Class
SSI	Standard PVC	Fire-Rated MDF	A
Omnova	Standard PVC	Standard MDF	C
Omnova	Standard PVC	Fire-Rated MDF	A
Ambtra	Standard PVC	Standard MDF	C
Ambtra	PET	Standard MDF	C
Ambtra	Standard PVC	Fire-Rated MDF	B
Dackor	Standard PVC	Fire-Rated MDF	A

Trim

The Form® units have trim packages with a variety of materials which may contain a combination of stainless steel, anodized aluminum extrusions with vinyl trim, powder coated light-gauge steel or aluminum, membrane-pressed MDF panels, or particle board panels with a high-pressure laminate finish and edge banding.

Casework Modules

Lower cabinets are either floor-mounted or floating each having four different configurations of doors and drawers (see design guide for detailed configuration information). Lower floor-mounted cabinets have three depth options (17", 21", and 24") while lower floating cabinets have two (17" and 21").

Upper cabinets have two height options (termination at 84" or 90"), two depth options (8" and 16"), and are available with or without doors.

Wardrobes are 18" wide, can be floor-mounted or floating, and have two height options (termination at 84" or 90"). Wardrobe depths are configuration-dependent, floor-mounted wardrobes can be 17", 21", or 24" deep while floating wardrobes are only available in 17" or 21" depths.

Sink modules are all ADA accessible and can be 32" or 36" wide with either oval or rectangular sinks. Sink modules should be selected to match depth of adjacent lower cabinets.

Countertops

Countertops will be sized appropriately for the specific configuration of wall chosen. Standard material options are either quartz or solid surface, contact Modular Services Company for color options.

Faucet

The standard faucet is a medical, deck mount, rigid gooseneck, with aerator and 4" wrist action handles.

Sink

Sink material is brushed stainless steel available in either oval or rectangular versions. All sinks are undermounted.

Plumbing

Standard trim rings for supply and drain lines provided by others.

ELECTRICAL CONNECTIONS

Wiring Line Voltage

Each vertical frame section is completely pre-wired with service connections terminating above the accessible ceiling line or within the cavity of the headwall, as indicated on the project drawings. All wiring is to be in accordance with UL requirements.

Low-Voltage Provisions

Provisions for low-voltage communication devices consist of backboxes or barriered compartments. Communication devices and wiring are to be supplied and installed by others. These devices include nurse call, television, code blue, telephone, monitor jacks, etc.

Devices

Hospital-grade power receptacles, ground jacks, switches, etc. are to be installed as indicated on the project drawings.

INSTALLATION

Installation of the product includes receiving, storage, erection, overhead bracing, clean-up, touch-up, carton disposal, etc. All necessary installation materials are to be supplied by the contractor to include such items as tools, fasteners, caulking and electric lamps not supplied by the manufacturer.

The electrical contractor is responsible for all electrical hook-up at service connection locations. All hard-wired light fixtures are installed, wired and lamped by this contractor. After the installation is complete, the electrical contractor is to test equipment function, including electrical receptacles and grounding, in accordance with NFPA requirements.

Accessory items are to be installed in accordance with the manufacturer's instructions and under the direction of the hospital.



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