

mila-wall® (Series 840) - Demountable Walls for Museums

Manufacturer:

* mila-wall® is a patented wall technology designed and manufactured by:



MBA Design & Display Products Corp.

35 East Uwchlan Avenue, Suite 310

Exton, PA 19341

Tel. #: (800) 635-7386 or (610) 524-7590

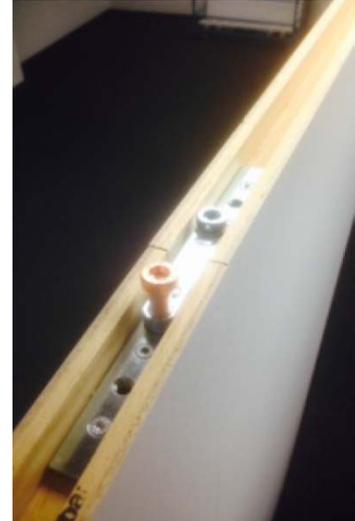
Fax #: (610) 524-7604

website address: www.mbawalls.com

e-mail address: info@mba-usa.com



Lift and attach



Lower and secure

Product Description: mila-wall® (Series 840):

mila-wall® has been developed to meet exhibitors criteria of **Function**, **Use**, and **Aesthetic**.

mila-wall® is a free-standing, grid-independent, demountable wall system used for Exhibits, galleries and partitioning. mila-wall® are complete wall modules, 40mm (1.58") thick and come in a wide variety of standard heights and widths. Each module has solid wood framework that is not visual and nailable interiors. All wall modules and connection components are interchangeable allowing the same wall module to be used in a corner position, straight run position, or multiple angle positions. mila-wall® is TUV Certified for safety and security and is produced using environmentally friendly, formaldehyde free materials as well as glue that does not contain Phenol or Urea.

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Functional Criteria: mila-wall® (Series 840):

mila-wall® assembles to provide solid, stable and secure wall structures, with a permanent wall appearance with the added benefits of being completely modular and demountable. Unlimited wall lengths can be achieved when given the proper support and design specifications.

mila-wall® modules and connection hardware are completely interchangeable, flexible and versatile. The same wall module can be used in a corner position, straight run position, 90° angles, 60° angles, and 45° angles. NOTE; mila-wall is not interchangeable with other systems.

mila-wall® modules interlock and self align into each other and include adjustable leveling feet to allow wall structures adapt to uneven floor conditions making the assembled structure extremely stable and secure. For added security, wall modules can be bolted together at the top and additional support panels can be attached to the face of other mila-wall® modules at any location using clamp connections. Horizontal wire runs can be achieved utilizing mila-wall's "U-Profile" frame, located at the top and bottom of

each wall module.

* Upon Request, vertical wire runs can be achieved using electrical conduit inside each wall module.

mila-wall® modules include a nailable interior that will support 44 pounds per nail or screw.

* Fastener (nail or screw) holes can be easily repaired using a standard wood filler.

mila-wall® panel surfaces are paintable using a standard acrylic latex paint. The surface coverings are also removable allowing the painted surfaces to be replaced after years of use. When required, new surfaces can be replaced with a new MBA (removable and paintable) self-adhesive coverings.

mila-wall® (Series 840) - Demountable Walls for Exhibits

Use Criteria: mila-wall® (Series 840):

mila-wall® modules are scaled or sized to reduce handling requirements and storage space.

* The connection technology is very simple and logical. With a limited number of interchangeable connection hardware, a wide variety of wall configurations can be achieved using the same components.

mila-wall's nailable, honeycomb interiors allow heavy objects to be mounted to the faces of each module but also making the module relatively lightweight, easily handled, and maneuverable by museum personnel (no need for outside contractors, service agreements, or large number of laborers).



Wooden interior allows the nail to be positioned anywhere between the framework.

mila-wall® can be managed by small crews for movement, assembly, dismantlement, storage, repair and painting. Components can be moved with minimal risk of damage to building and other components.

Table of Weights for nailable mila-wall® series 840 modules, 1000mm (39.38" wide):

* Weight per mila-wall® series 100, nailable wall module, 78.74" (2.0 meter) high = 57 lbs. (26 kg)

* Weight per mila-wall® series 100, nailable wall module, 98.42" (2.5 meter) high = 70 lbs. (32 kg)

* Weight per mila-wall® series 100, nailable wall module, 118.11" (3.0 meter) high = 83 lbs. (38 kg)

* Weight per mila-wall® series 100, nailable wall module, 137.79" (3.5 meter) high = 97 lbs. (44 kg)

Aesthetic Criteria: mila-wall® (Series 840):

mila-wall® is the temporary wall system engineered to resemble permanent walls and designed to match the typical architecture of existing gallery walls.

Aesthetically, mila-wall® appears to be solid, heavy and permanent. Due to mila-wall's patented construction technique and locking system, the connections are smooth, with no visible hardware or framing seen. The joints are extremely tight, consistent, and practically seamless.

If complete seamless is desired, MBA offers a very thin, primed film or seam tape, that can be used to cover the joints and then painted. This film was developed in cooperation with Art-Basel-Miami and is also removable. Using this film will eliminate the need to spackle providing "Dust-Free" mila-wall® installations.

Baseboard and a variety of moldings can be applied to mila-wall® using standard construction methods.





Demountable Walls for Exhibits - Specifications Sheet

Bidding Companies and Product Qualifications:

- * Company: Required Years in Business servicing the Museum Industry: Minimum of 10 Years
- * Product: Availability & Development of the Product in the Market: Minimum of 10 Years
- * Required Number of US References using product in the Market: Minimum of 20 References
- * Product Samples must be provided to Exhibits Department for review and approval.
- * Demountable Wall Products specified should be available in the US to respond to quick requests.
- * Efficient Storage and Handling system or solutions should be presented for the Demountable Wall Product they are presenting.
- * Operation Manuals must be available and on-site product training once wall product arrives on location.

General Description / Requirements / Characteristics of the Demountable Wall Product:

- * Wall System should be a free-standing, Grid Independent and not require ceiling attachments or grid to stabilize wall or showcase structures.
- * Wall Product must present a permanent wall appearance and form monolithic wall structures with the added benefits of being modular and demountable.
- * All Wall Components should be completely interchangeable, flexible and versatile. The same wall module should be able to be used in a corner position, straight run position, 90° angles, 60° angles and 45° angles.
- * Wall modules should be scaled or sized to reduce storage space required when walls are dismantled.
- * Wall system should be easy to assemble & dismantle using minimal laborers and minimal tools.
- * Wall modules should have adjustable leveling feet to adapt to uneven floor conditions.
- * Wall modules should be completely captured by a solid wood framework with a wooden interior.
- * Wooden interior should support 40 pounds (minimum) per nail or screw to support hanging objects.
- * Wooden interior should allow the nail to be positioned anywhere between the framework.
- * In addition, a cable hanging system should be available with the Demountable Wall System.
- * Special Note: A single 40"wide x 10' high wall module should not weigh more than 100 pounds.
- * Wall modules should be able to interlock into each other and bolted together at the top for added security and stability. Tongue and Groove connection technique is recommended to achieve this stability requirement and achieve a tight and clean wall assembly.
- * A thin, primed film should be provided to cover panel seams if the exhibit installation requires it.
- * Wall modules should be exhibit quality and meet all International fire codes and standards and produced using formaldehyde free materials.

Showcase & Door Applications / Requirements:

- * Wall Modules should be fabricated to include Doors and attach to the standard solid wall modules using the same connection technique and hardware.
- * Wall Modules should be produced to form showcases, headers, and open entrance ways. These components should attach to the other wall modules using the same connection technique and hardware.

Demountable Wall Surface Finish Requirements:

- * Panel surfaces should accept acrylic latex paint if painting is desired.
- * Panel coverings should meet a "Class A" Interior Wall Finish rating.
- * Panel finishes should be fire rated according to international standards, US ASTM E84-95.

Storage Containers / Handling Requirements:

- * Rolling Storage Carts should be an option to allow for efficient storage and handling for the wall system.
- * Storage Carts should include Heavy-duty locking casters and removable side supports.
- * Storage Carts should be Collapsible & Stackable for efficient storage & handling.

