

## mila-wall® (Series 100) - 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 318

Exton, PA 19341

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

Fax #: (610) 524-7604

website address: [www.mba-worldwide.com](http://www.mba-worldwide.com)

e-mail address: [info@mba-usa.com](mailto:info@mba-usa.com)



### **Product Description: mila-wall® (Series 100):**

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

mila-wall® is a free-standing, grid-independent, demountable wall system used for Temporary museum 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 metal (aluminum) framework that is not visible, nailable interiors, and paintable surfaces. 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.

### **Functional Criteria: mila-wall® (Series 100):**

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, 45° angles and multiple angle settings from 0° to 180°.

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.

\* Upon Request, telescoping ceiling brackets can be utilized with the mila-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.

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### **Use Criteria: mila-wall® (Series 100):**

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 100 modules, 1000mm (39.38" wide):

- \* Weight per mila-wall® series 100, nailable wall module, 78.74" (2.0 meter) high = 64 lbs. (29 kg)
- \* Weight per mila-wall® series 100, nailable wall module, 98.42" (2.5 meter) high = 79 lbs. (36 kg)
- \* Weight per mila-wall® series 100, nailable wall module, 118.11" (3.0 meter) high = 95 lbs. (43 kg)
- \* Weight per mila-wall® series 100, nailable wall module, 137.79" (3.5 meter) high = 110 lbs. (50 kg)

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### **Aesthetic Criteria: mila-wall® (Series 100):**

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, permanent and when painted, will match the surrounding walls in a typical museum or gallery. 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.

