



Durable Lightweight Tables & Chairs

# Magnattach® Portable Dance Floor

## SPECIFICATIONS

Panel	Overall Thickness	Width	Length	Weight
	1.1" (2.8cm)	4' (1.2m)	4' (1.2m)	58 lbs (26kg)

**Dance Floor Surface:** Constructed of 0.31" [.079cm] thick Wilsonart® brand low maintenance laminate. Bonding to frame & substrate is achieved via a neoprene-based, two part activated adhesive & a high strength catalyzed epoxy.

**Dance Floor Substrate Core:** Consists of an ultra-lightweight honeycomb inner cell encased by cross-grained multi-ply skins, crush resistant up to 133 PSI.

**Frame & Sub Assemblies:** Are constructed from aircraft grade 6061-T6 tempered aluminum. Smooth strong welds are achieved via a special Helium MIG welding process. The aluminum lip encases & protects dance surface corners and sides and provides a smooth transition from panel to panel. Steel locking bars are located within the frame sub channel and are made of hardened cold rolled zinc plated steel. Precision tooling ensures placement accuracy of +/- 0.007" [.02cm]. The steel wedge-lock bars are permanently affixed with hardened steel press pins.

**Magnets:** Each panel houses 60 Neodymium type 30 permanent magnets. This provides over 400 pounds of self-locking and holding power per panel. All magnets are nickel-plated and have a chamfered edge.

**Aluminum Edges & Corners:** Are constructed from 6063-T5 tempered aluminum with a satin gold or silver anodized finish. Each corner is MIG welded as a single unit and utilizes a large 'L box' gusset for superior strength. A floor height of 1.1" [2.8cm] combines with a low slope 5.5" [14cm] wide edge to make entry and exit to the floor smooth and easy. Edging and corners feature a horizontal grooved pattern for a non-slip grip. Each edge spans two adjacent panels for a secure vice-lock with no chance for panel separation.

**Cart:** Base is constructed of .125" [0.3cm] thick steel L angles, with the ends & top bar constructed of 1.25" [3.1cm] diameter, 14 gauge [1.9mm] round tubing. All steel is powder coated. Corners are stored in carpeted "V" holders at the cart center. Panel keeper bars are gravity swingdown type. Baseboards are 1.5" [3.8cm] thick plywood and covered with industrial grade carpet. Casters have a dynamic load capacity exceeding 600 pounds [273kg] each, and are bolted to

.125" [0.3cm] thick steel plates. Cart holds 20 dance floor panels (16'x20' floor [4.9m x 6m]), & all needed edging (14 straight pieces & one set of 4 corners.)

**Warranty:** Magnattach® portable dance floor frame and sub assemblies, floor substrate, magnets and aluminum edges and corners are warranted to be free from manufacturer defects in materials and workmanship under normal use, service, and handling\* for a period of twelve [12] years from the date of purchase. Magnattach® portable dance floor surface is warranted to be free from manufacturer defects in materials and workmanship under normal use, service, and handling for a period of twelve [12] years (please see warranty for details) from the date of purchase.

**The Environment:** Truly sustainable products are those that not only minimize environmental impact, but also perform their function for an extended period of time. From the beginning, Mity-Lite has utilized leading edge design techniques & quality materials that maximize product life span to minimize post-consumer waste.

**Note:** Subfloors used under Magnattach installations must conform to ASTM and/or ACI standards for flooring flatness. During normal use and handling, Magnattach® portable dance floors will not interfere with electronics, medical devices, credit cards or hotel room keys.

**\*Storage and Use Climate Conditions:** Due to the hygroscopic typical properties of a laminate floor (containing more than 75% wood fiber) the storage environment should display the following:

- Air Temperature 65°F – 80°F; and
- Relative Humidity (RH) 35% – 65%

Magnattach products perform best when the above climate conditions are maintained. If the flooring product undergoes extreme climate variations, such as below 35% RH or above 65% RH, the product will undergo different levels of expansion and contraction, potentially causing surface warping and delamination. Product failure due to non-compliance to this statement will void the warranty.

