



MAGNETIC BUILDING
— SOLUTIONS LLC —

Design Without Limits
Welcome to the Future of Construction





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The Basics - How Does it Work?

There are two layers to the MBS product. The base layer (A) is the magnetic layer. It can be rolled out over any smooth, clean, dry sub-floor (concrete or wood sub-floors). It magnetically adheres to the top layer (B), which is any flooring product containing ferrite powder. Creating the magnetic character of the flooring material can be accomplished in one of two ways. Ferrite powder can be injected during the manufacturing process into products with a quasi-soft back (LVT/LVP/WPC). The second and most common way is to adhere the receptive material via cold-press onto the product (carpet tile, broadloom, ceramic, porcelain, stone) at the end of the manufacturing process.

The result is a tight magnetic bond between the sub-floor and finished floor, which is virtually waterproof. The magnetic sub-floor acts as a sound barrier, and even provides crack isolation protection for ceramic floors. MBS can provide the material on industrial rolls manufactured to a specified width. It is also available as 2 ft. (.61m) x 2 ft. peel and stick panels.



The MBS System has undergone extensive performance tests. Testing included sound transmission, flame retardancy, health and safety and water vapor transmission. To see detailed information about the testing results and the material safety data sheet, please visit our website, www.magneticbuildingsolutions.com.

MagneBuild - MBS Underlayment System for Flooring

MagneBuild is the flooring specific building solution utilizing magnetic technology from MBS. It is not only innovative, but also addresses key flooring concerns including the need for adhesive bonds and seaming.

The MBS system works across all flooring categories, giving the end user the ability to change from an LVT product, to a ceramic tile, to a carpet tile, to a hardwood floor, using the original magnetic underlayment! Keep in mind, there would be no floor prep necessary on a second or third install.

Aside from the ease of use, the interchangeability, and the aesthetic flexibility associated with the MagneBuild system, another valuable benefit, especially to a commercial environment, is the quantified time savings that it provides. Initial installations may require floor prep, of course, but future changes of floor covering at the same location using the magnetic foundation is where significant time savings would be realized. That interprets to less down-time for a business. This will have great impact in commercial settings where down-time is a critical factor: hospitality, health-care, senior living, retail environments, restaurants, educational facilities, casinos – just to name a few.

Why Manufacture with the MBS System?

It Simplifies Completely. It Saves Time Dramatically.

It Saves Money Substantially. It Works with Floors and Walls.

The MBS Underlayment System consists of two parts: a magnetic layer applied to the surface and a receptive layer integrated into the building product. The offsets are:

- Eliminates any tongue and groove milling
- Eliminates milling any locking system
- Eliminates the royalty for that system
- Eliminates some raw material thickness
- Eliminates fastener system milling
- Eliminates expensive tools
- Drastically reduces the raw materials
- All adhesive related costs
- All adhesive related tools
- Significantly reduces required labor skillsets
- Significantly reduces abatement cost
- Minimizes the need for extensive training
- Removes cost associated with other vapor barriers or underlayment systems
- No VOC's and their associated costs and impact on environmental health
- MBS platform uses Industrial by-product with a large recycled material content
- The MBS system can impact any application in the field of construction where a receptive layer can adhere to a magnetic base
- Can significantly shorten the consumer purchase cycle and create seasonal purchase opportunities due to ease of replacement



Magnetic Building Solutions Product Specifications

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SKU#	Description	Unit	Sq. Ft./ Unit	Units per Box	Sq. Ft / Box	Size	Notes
MBU100R100	MagneBuild Underlayment (Base)	Rolls	100	1	100	1.0 mm X 3 ft X 33.33 ft	Standard MagneBuild Magnetic Underlayment
MBU100S004PS	MagneBuild PS Underlayment (Base)	Panels	4	12	48	1.0 mm X 2 ft X 2 ft	MagneBuild Peel and Stick Magnetic Underlayment
MBR030R100	MagneBuild Receptive	Rolls	100	1	100	0.3 mm X 3 ft X 33.33 ft	Standard MagneBuild Receptive
MBR030S004PS	MagneBuild PS Receptive	Panels	4	25	100	0.3 mm X 2 ft x 2 ft	MagneBuild Peel and Stick Receptive



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