



HOME of MAGNUM[®] BOARD

“The New Generation Building Material”

TECHNICAL BULLETIN No.:	061115-1151
Subject:	Guide for installing tapered edge Magnum Board [®]
Issue Date:	July 01, 2015
Issue No.:	4

1.0 PURPOSE

1.1 To provide a guideline for installing tapered edge Magnum Board[®].

2.0 GENERAL

2.1 Magnum Board[®] is installed very similar to gypsum based products.

3.0 RESPONSIBILITY

3.1 It is the responsibility of the installer to ensure the framing to which Magnum Board[®] is affixed is square. If using wood framing, always be sure wood is dry before installing Magnum Board[®]

3.2 Out of square framing unstable framing or installing Magnum Board[®] over wood framing with excess moisture may lead to board and / or joint cracking due to stress.

3.3 If problems exist, notify the owner / general contractor prior to the installation of Magnum Board[®] and insist on corrective action.

4.0 MATERIAL HANDLING REQUIREMENTS

4.1 Marshal or stage materials as close to the point of installation as possible.

4.2 Always store Magnum Board[®] flat and protect it from weather and jobsite dirt before, during and after installation.

4.3 Always protect the corners of Magnum Board[®] prior to and during installation.

4.4 Do not stack other materials on top of Magnum Board[®].

5.0 PROCEDURE

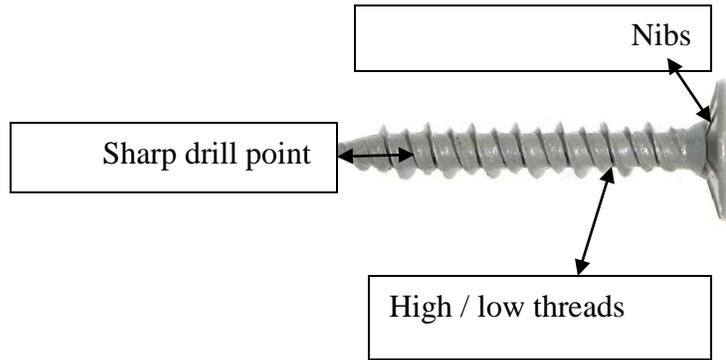
5.1 CUTTING MAGNUM BOARD[®]

- 5.1.1 Cut Magnum Board® with a carbide tipped scoring knife or a power saw equipped with a carbide blade. We recommend using a T-square to help ensure cuts are straight and even.
 - 5.1.2 Make circular cuts and irregular angle cuts with a Roto Zip, or equal, equipped with a cement board bit or carbide tipped bit, a keyhole saw, saber saw, or equal.
- 5.2 **INSTALLING MAGNUM BOARD® ON WALLS**
- 5.2.1 Starting with proper framing ensuring studs are straight and square to allow for adequate fastening surface at adjoining walls and flat stress free installation of Magnum Board®.
 - 5.2.2 Install Magnum Board® vertically to allow for maximum fastening to studs.
 - 5.2.4 Align all electrical outlets etc. so they will be flush with the Magnum Board® surface.
 - 5.2.5 Follow the fastener guideline below.
 - 5.2.6 Slightly countersink each fastener to allow for proper finishing.
- 5.3 **INSTALLING MAGNUM BOARD® ON CEILINGS**
- 5.3.1 Starting with proper framing ensuring studs are straight and square to allow for adequate fastening surface at adjoining walls and flat stress free installation of Magnum Board®
 - 5.3.2 When installing Magnum Board® to ceilings, use panel lifter or “T” brace to support weight.
 - 5.3.3 Start with installing Magnum Board® ceiling panels at right angles to joists. Use panel lifter or “T” brace to support weight.
 - 5.3.4 Stagger butt end joints so joints do not extend across the ceiling. It is recommended that you not place a butt end next to a tapered end.
 - 5.3.5 Follow the fastener guideline below.
 - 5.3.6 Slightly countersink each fastener to allow for proper finishing.
- 6.0 **FASTENING PROFILE RECOMMENDATIONS**
- 6.1 MgO board is slightly corrosive by nature to certain types of metal fasteners. MBP recommends using a 316 stainless material for all fasteners. Ceramic coated fasteners designed specifically for cement board products may also be acceptable however, since all projects and project locations are different, we strongly

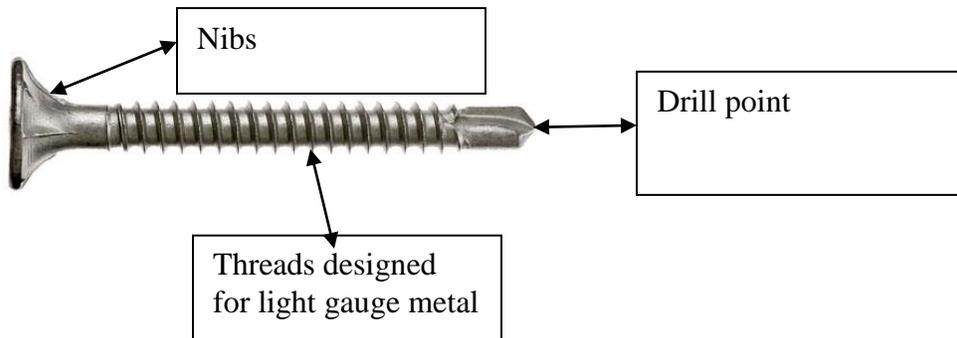
recommend you always consult with a local fastener expert to ensure you are using the fastener material appropriate for your project.

6.2 Fastening with screws:

6.2.1 Fastening to wood studs with screws: Utilize a #9 flat head fastener with high / low threads and a sharp drill point.



6.2.2 Fastening to metal, 18 gauge or heavier, with screws: Utilize a #10 flat head screw with nibs under the head for countersinking into the Magnum Board®, and a self-drilling point for penetrating the light gauge metal.



6.3 Fastening using pneumatic pins.

6.3.1 Use hardened pins.

6.3.2 Pneumatic pressures vary depending on board thickness and stud material. Always set pressure based on countersinking needs.



6.4 Magnum Board® can be fastened direct to block. Call Magnum Building Products Tampa, FL office for installation details.

6.5 Fastener Positioning:

6.5.1 Install fasteners no closer than 4" from corners.

6.5.2 Perimeter fasteners should be placed 6" apart.

6.5.3 Center fasteners should be placed 12" apart.

6.5.4 Install fasteners approximately 9/16" from the board edge

7.0 BOARD FINISHING

7.1 Magnum Board® can be finished with most any type of product including, but not limited to paint, wall paper, stone, and more

7.2 If paint is selected as the finish for your project, Magnum Board® has been tested by Sherwin Williams who has provided a set of painting procedures specifically designed for Magnum Board®. If you choose a different paint brand, we suggest you work with the paint manufacturer to ensure your process and selected paint will perform to your satisfaction before moving forward.

7.3 When finishing Magnum Board® always follow the finish manufacturer's instructions and follow good industry practices such as cleaning board surface completely before beginning the finish process.

8.0 IMPORTANT NOTES / PRECAUTIONS

8.1 Always begin fastening at one side and proceed to fasten across the board to the other side to avoid stress.

8.2 Magnum Board® contains no carcinogenic material; however, a dust mask is always recommended during routing, cutting and / or sanding operations.

8.3 Installation must comply with all applicable local, state and federal codes and should also follow good installation practices.

9.0 AVAILABLE PRODUCT DIMENSIONS

9.1 Widths : 4' (1.2M)

9.2 Lengths: 8' (2.4M), 9' (2.7M), and 10' (3.0M)

9.3 Thickness: 3mm to 20mm

9.4 Special order sizes are available within the above width and overall length dimensions. Call for pricing and delivery information.

10.0 AVAILABLE EDGE PROFILES

10.1 Square edges



10.2 Tape relief edges for joint finishing.



CAUTION:

Because materials expand and contract at different rates under different conditions, no one, including Magnum Building Products, can guarantee crack free joints. The reports we have received from our customers indicate many types of joint compounds have been used successfully. Customers do tell us they have had good luck with “FibaTape” joint tape and we pass this on for your information. We are happy to discuss with you the joint compound you intend to use and provide to you with any feedback we may have received on that specific type; and, we are happy to tell you what our customers have had success with. Please call us at your convenience.

Please visit our website at www.magnumbp.com to view much more information about this **green** sheathing material including install guidelines and pictures of installations around the World.



On Behalf of
Mother - Nature

THANK YOU



“GOTTA GO GREEN”