



HOME of MAGNUM[®] BOARD

“The New Generation Building Material”

TECHNICAL BULLETIN No.:	042314-1007
Subject:	Butt Joint and Fastener Finish Guideline
Issue Date:	April 23, 2014
Issue No.:	1

1.0 PURPOSE

- 1.1 To provide a butt joint and fastener preparation guideline.

2.0 GENERAL

- 2.1 Magnum Board[®] can be finished with almost any product on the market today including, but not limited to, Portland type stuccos, synthetic stuccos, stone, brick, fabric finishes and paint.
- 2.2 When using these products, always follow the Manufacturer’s guidelines for surface preparation and installation.

3.0 RESPONSIBILITY

- 3.1 It is the responsibility of the installer to ensure the framing to which the Magnum Board[®] sheathing is to be fastened is square and will provide the finished look desired by the owner and / or contractor.
- 3.2 It is also the responsibility of the applicator of the above finish product to ensure the installed Magnum Board[®] is properly prepared to receive the selected finish.

4.0 MATERIAL HANDLING REQUIREMENTS

- 4.1 Stage materials as close to the point of installation as possible.
- 4.2 Store Magnum Board[®] flat and protect it from weather and jobsite dirt before, during and after installation.
- 4.3 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 MATERIAL REQUIREMENTS

- 5.1 Premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant / adhesive such as “Sikaflex 1a” or equal.
- 5.2 Joint compound. Lightweight exterior spackling can be substituted for fastener finishing.
- 5.3 Fiberglass joint taper, woven. MBP recommends Fiba Tape made by St. Gobain to help ensure stronger seams.
- 5.4 Putty knife, multiple widths.

6.0 PROCEDURE

- 6.1 Install first sheet of Magnum Board® Sheathing flush with the vertical stud to which it is being fastened. Reference diagram A.
- 6.2 Apply a generous amount of caulk to the entire exposed edge of the Magnum Board® Sheathing. Reference diagram B
- 6.3 Install next sheet of Magnum Board® Sheathing butting joints together tightly. A small amount of caulk should squeeze to the surface along the entire seam. Reference diagram C.
- 6.4 Using a putty knife, remove excess caulk from butt joint leaving a smooth “seamless” appearing surface between the two-(2) installed sheets of Magnum Board® Sheathing.
- 6.5 Clean putty knife after smoothing every joint to eliminate buildup of putty on knife.
- 6.6 Countersink all fasteners.
- 6.7 Apply joint compound to all butt joints in accordance with manufacturer’s application instructions. Lightweight spackling may be substituted for fastener countersinks always ensuring the application is smooth and blends into the flat surface of the Magnum Board® Sheathing.
- 6.8 Sand the seams and the fastener counter sink areas, as required, using a light weight sand paper to ensure a smooth finish for painting. NOTE: Since the surface of Magnum Board® is glass smooth, after completing the joint and fastener preparation, a level 5 drywall surfaces is the result.
- 6.9 Always ensure joint compound and spackling are completely dry before sanding and applying your chosen finish.

7.0 DEFINITIONS

- 7.1 Butt Joint: Any joint made by fastening two parts together side by side or end to end without overlapping.

7.2 Level 5 Drywall Finish: A finished surface with the highest degree of quality providing a uniform surface minimizing the possibility of joint photographing and/or fasteners showing through the final decoration. Provides a surface that is smooth and free of toll marks and ridges. Level 5 is the highest quality drywall finish available.

NOTE: In order to achieve a level 5 finish using gypsum drywall, it is necessary to apply a thin skim coat of joint compound, or other material designed specifically for skim coating, to the entire surface of the installation. This requires many hours of additional labor. After drying, the entire surface must be sanded to a glass smooth finish. This requires a minimum of four-(4) times the labor than using Magnum Board®. Additionally gypsum products are toxic, will feed mold and mildew and are very dangerous in a burning structure. Magnum Board® is virtually impervious to fire, water and insects; does not feed mold or mildew; and is completely nontoxic. The installed cost of Magnum Board® is less expensive, and is a healthier choice.

8.0 REFERENCES

8.1 Technical Bulletin No. 070109-1359: Installation Hardware

8.2 Sherwin Williams, or equivalent, Material Preparation and Paint Procedures

8.2.1 108.21

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8.2.2 102.14

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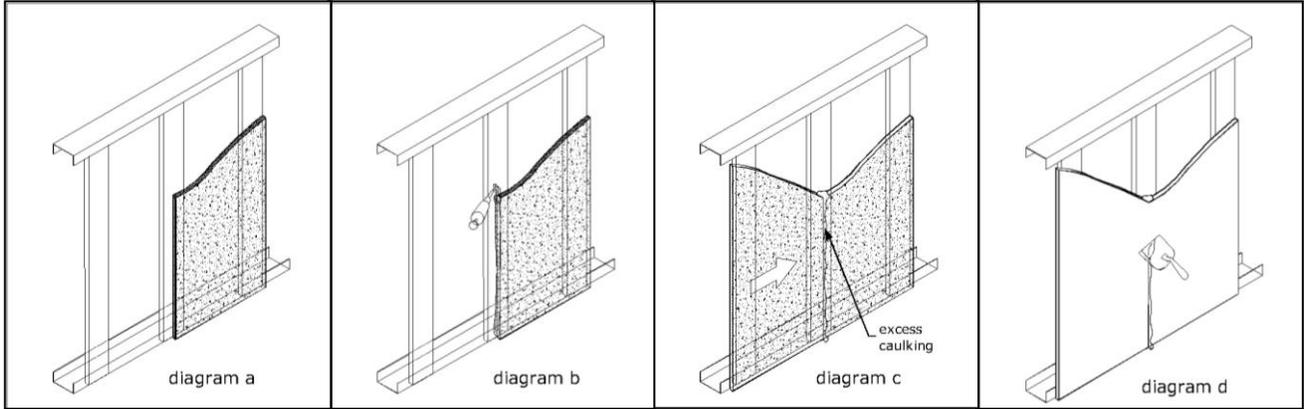
7.3 Interior / Exterior Wall & Ceiling Board Installation Guidelines for Magnum Board –

Technical Bulletin No. 091213-1024

7.4 Magnum Building Products® “MSDS”.

9.0 BUILDING CODES

9.1 Always follow applicable Local, State and Federal Building Codes.



Please visit our website at www.magnumbp.com to view 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”