



HOME of MAGNUM[®] BOARD

“The New Generation Building Material”

FREQUENTLY ASKED QUESTIONS (FAQS) ABOUT MAGNUM BOARD[®] PRODUCTS

The New Generation “Green” Building Material”

Thank you very much for your interest in Magnum[®] Board Products. Magnum Board[®] is one of the only **NEGATIVE** CO₂ building materials in the world. CO₂ is a heavy odorless and colorless gas formed during respiration and by the decomposition of organic substances. Generally CO₂ is absorbed from the air by plants in photosynthesis. Now Magnum Board[®] does virtually the same thing.

MAGNUM BOARD[®]

“INSTALL IT FOR HEALTH, INSTALL IT FOR LIFE”

What is Magnum Board[®]?

Magnum Board[®] is a mineral based product that meets the criteria established to be considered both Eco-friendly and a Green Building Product. See “applications” below for the various products offered by Magnum[®] Building Products in the Magnum Board[®] Product Line.

Why Use Magnum Board[®]

Magnum Board[®] is definitely a unique product. It has been engineered to eliminate the toughest problems facing architects, engineers, contractors, builders and consumers today: Fire, Water, Insects, Mold, Mildew and Toxins. Magnum Board[®] products are virtually impervious to fire, water and insects; are non-flammable and non-combustible; do not feed mold or mildew; are unaffected by all insects such as termites and carpenter ants; and are completely non-toxic. Literally billions of dollars are spent every year as a result of damage caused by these problems and more on the illnesses and deaths directly resulting from these problems.

Make Magnum Board[®] Products **YOUR** choice when considering traditional building materials such as wood, plastics, gypsum based and cement based products.

Is Magnum Board[®] considered a Green Builder Product?

Yes it is. Magnum Board[®] is a mineral product, completely free of toxins such as asbestos, formaldehyde or silica, is manufactured completely at ambient temperature, and is considered a green product.

Is Magnum Board[®] Considered a Negative CO₂ Product?

Yes indeed the Magnum Board[®] product line is CO₂ negative meaning the product and / or its process absorbs CO₂ and turns it into magnesium carbonate and that remains in the board until the board is retired from service, in which case, the magnesium carbonate can be recycled to make MgO and ultimately recycled into more Magnum Board[®].

Has Magnum Board® Been Tested?

Yes indeed. Magnum® Board has been subjected to some of the toughest testing being conducted on building materials today including the freeze / thaw and 2,000 hour weathering test which simulates 20 years of wear and tear in all climatic conditions including high heat and snow. Magnum Board® products far exceeded the ASTM requirements. For our sanded back product line, we have completed all testing in accordance with AC386 published by the ICC-ES, using specified ASTM test methods for all products marketed. Our 12mm and thicker standard density sanded back products are Underwriters Laboratory (UL) approved. This is indeed a one of a kind material. Our factory is ISO certified and is audited on a quarterly basis by Underwriters Laboratories (UL).

Is Magnum Board® dimensionally stable in freeze, thaw, heat and humidity cycles?

Yes it is. Unlike Portland type materials the coefficient of expansion for Magnum Board® is extremely low; therefore, when selecting and installing products such as our exterior lap siding, there is no need to leave gaps between butt joints to accommodate for such expansion and contraction. This provides a much more aesthetically pleasing finish for many years to come. Refer to our test summary for actual test results.

What Are the Adhesion Values of Magnum Board®?

Excellent allowing you to finish Magnum Board® with any product you desire such as paint, Portland type stucco, synthetic stucco, wall paper, stone, tile, brick and much more. The excellent adhesion properties of Magnum Board® also make it a perfect product for Structural Insulated Panels (SIPS), Exterior Insulated Finish Systems (EIFS) and interior wall systems using fabrics.

Is the Cost of Magnum Board® Competitive with Other Products?

When considering overall installation and life cycle costs, **absolutely**. By using Magnum Board® you don't have to worry about such things as insect damage caused by termites, carpenter ants or any other pests; decay caused by moisture and UV; warping, swelling and wood rot caused by water; mold and mildew; and, toxins that are found in many wood, plastics, gypsum and cement based products.

In What Applications Can I Use Magnum Board®

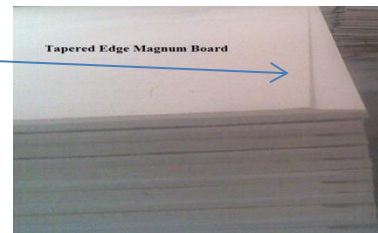
Magnum Board® Products are extremely versatile and we have a product available for most every application. For example:

For the exterior:

- Magnum® wall sheathing
- Magnum® fascia
- Magnum® soffit
- Magnum® trim
- Magnum® lap siding

For the interior:

- Magnum® wall board, square edges or tapered edges
- Magnum® ceiling board
- Magnum® tile backer
- Magnum® underlayment
- Magnum® drop ceiling tiles
- Magnum UL approved fire wall system



Special order products include, but are not limited to:

- Magnum “Tongue and Groove” sheathing
- Magnum “Ship Lap” sheathing
- Magnum 1-11 interior and exterior wood grain or smooth interior / exterior sheathing



- Roofing / flooring substrate, and shear wall sheathing.



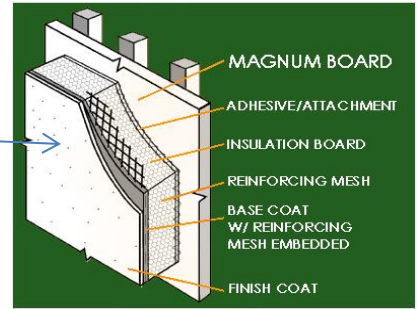
Other Magnum Board® applications include, but are not limited to:

- Structural Insulated Panels (SIPs)



Other Magnum Board® applications continued:

- Exterior Insulated Finish Systems (EIFS)
- Office cubicles



- Room dividers



Fastening

Refer to our Fastening Guide located on the MBP website: www.magnumbp.com

How can I Hang Pictures and other Items on Magnum Board®

It's simple and easy to hang just about anything from Magnum Board®. Some suggested products to use are:

- SideWinder Picture Hanger
- Command Brand Damage-Free Hanging

Can I Special Order Non-Standard Sizes?

Indeed you can. Call our home office for a quote.

How Do I Store Magnum Board®?

Storage and handling of Magnum Board® is simple. It does not require the same attention as do wood or gypsum type products. Magnum Board® can actually be submerged in water for months with virtually no dimensional change whatsoever; and, it leaches water quickly never feeding mold or mildew or suffering decay or warping as does most wood and gypsum products. And since Magnum Board® is a homogenous product, you never have to worry about de-lamination.

Is Magnum Board® Easy to Install?

Indeed it is. Magnum Board® installs with screws or pneumatic nailers depending on the application you are using it for. Always follow the Magnum® Building Products installation recommendations.

Finishing interior walls and ceilings is also easy using standard joint compound and joint tape. NOTE: Feedback from our customers indicate paper tape works very well with Magnum Board®. Since Magnum Board® is smooth on one side, you can achieve a level 5 beautiful and durable finish with much less work (man-hours) than typical gypsum board.

When installing Magnum® underlayment or Magnum® backer board there are no changes in preparation for installation from processes being used today when installing other materials; however, Mapei has recommended using only thin set materials, not mastics. Refer to the MBP website for Mapei recommended installation guidelines.

CAUTION: ALWAYS FOLLOW LOCAL STATE AND FEDERAL BUILDING AND CONSTRUCTION CODES FOR ALL INSTALLATIONS.

Is Magnum Board® Safe for Installers?

Yes. In fact installing Magnum Board® is as safe if not safer than installing any other material on the market today. Magnum® Board is a mineral based product free of carcinogens and silica. It has been tested to the U-Pitt Toxicity Protocol required by New York City, NY and has been found to be non-toxic and it contains no toxic VOCs. So Magnum® Board is extremely safe for installers and consumers alike. You may obtain a copy of our Material Safety Data Sheets (MSDS) from our website www.magnumbp.com.

SAFETY NOTE: When installing Magnum Board® or any other product that creates dust, always follow the published cutting and installation guidelines for that product. Even non-toxic dust can cause irritation and other health issues.

How can Magnum Board® Be Finished?

Magnum Board® has been tested with most every finish on the market today including, but not limited to paint, Portland type stucco, synthetic stucco, wall paper, cloth plaster, brick and stone.

Where Can I Purchase Magnum Board® Products

We know it is important for you to be able to procure our products as close to their point of use as possible. To accommodate your needs, we are in the process of establishing distribution points around the country. Please contact us to locate the nearest distributor to your project. If you are interested in becoming a Distributor, call us and we can tell you how to make that happen.

How Does the Magnum Board® Product Warranty Compare to Other Product Warranties?

Magnum Building Products warrants the Magnum Board® product line for thirty-(30) years. You may obtain a copy of the warranty from our website – www.magnumbp.com. No other construction material even comes close to the Magnum Board® Product Line warranty.

What Sizes and Thicknesses are Available?

Refer to Magnum Board® – Applications, on our website – www.magnumbp.com

Want More Details About Magnum Board®?

For testing information, specifications, installation guidelines, gallery and many other items of interest, please visit our website: www.magnumbp.com or call our home office at 813-304-2257.

**PROTECT YOUR INVESTMENT AND START LIVING
HEALTHIER BY USING MAGNUM BOARD® PRODUCTS– CALL
US TODAY**

**WE LOOK FORWARD TO THE HONOR AND
PRIVILEGE OF SERVING YOU!**

And on behalf of Mother Nature – Thank You

