Gold Bond®
Building Products

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MaX12®

GridMarX®

MaX16®

National Gypsum®

Exclusive service provider
of products manufactured by
Gold Bond Building Products, LLC.

Innovation Changing the Way You Build.

The money and time you save is the X-factor.

Reduce material costs and increase productivity and efficiency on the job site with the powerful combination of GridMarX® installation guide marks and the MaX 12® and MaX 16® fastener patterns.

Standard on 4' wide gypsum board products manufactured by Gold Bond Building Products, **GridMarX** are patented installation guide marks printed on the face surface to help installers quickly identify fastener lines for studs and joist framing. In addition, cuts can be made without having to draw lines.

Recognized as the Association of the Wall and Ceiling Industry's (AWCI) 2021 Excellence in Construction Innovation Award winner, **MaX 12** is the industry's first 12" on center optimized fastener pattern for single layer, 1-hour UL fire-rated assemblies on metal framing spaced 24" on center.

Building on the success of MaX 12, we created **MaX 16.** The industry's only 16" on center optimized fastener pattern for single layer, 1-hour UL fire-rated assemblies on metal framing spaced 16" on center.

The combination of the MaX 12 and MaX 16 fastener patterns with GridMarX installation guide marks makes installation simple and saves time and money on material and labor.

- Quickly identify fastener patterns.
- Guide marks in 4" increments.
- Increase speed of installation.
- Apply fasteners without snapping chalk or penciling lines.
- Easily cover GridMarX with standard paint.
- Enhanced installation and finishing quality.

Simple. Efficient. Effective.

Find additional resources at gridmarx.com

- MaX Calculator
- Installation / Time Savings Videos
- Time & Motion Study White Papers
- UL Evaluation Reports
- Case Studies





GridMarX® Installation Guide Marks

Easy-to-Use Guide Mark System



GridMarX® installation guide marks are printed on the paper surface and come standard on all 4' wide gypsum board products manufactured by Gold Bond Building Products. These patented guide marks align with standard building dimensions and help to quickly identify fastener lines for studs, channels, joist framing and trusses. Cuts can be made without having to draw lines.

GridMarX increase productivity and profitability every step of the way. When fastening for code, the guide marks help to quickly identify fastener patterns, virtually eliminating the need to measure between fasteners. Plus, cleaner fastener patterns provide a visual benefit for inspectors, which makes inspections much faster and smoother.

Guide marks run along the board lengthwise every 4 inches along both edges, at 16" from each edge and down the center 24" from each edge. GridMarX are visible even in low light conditions of the typical jobsite, yet cover easily with no bleed-through using standard paint products.

Horizontal Applications

- In a horizontal application, GridMarX serve as a reference mark to help identify the location of framing members behind the gypsum board. For example, if the framing member is located 2" to the right of the GridMarX reference mark at the top edge of the board, it will be located 2" to the right down the face of the board.

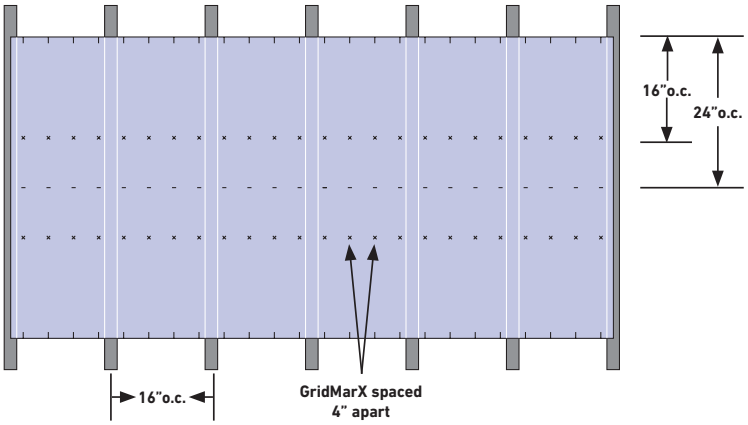
Vertical Applications

- In a vertical application, GridMarX serve as guide marks to help identify the exact location of framing members behind the gypsum board eliminating the need for field applied vertical lines.
- For ceiling applications, GridMarX provide reference for locating joists and trusses.

Benefits of GridMarX

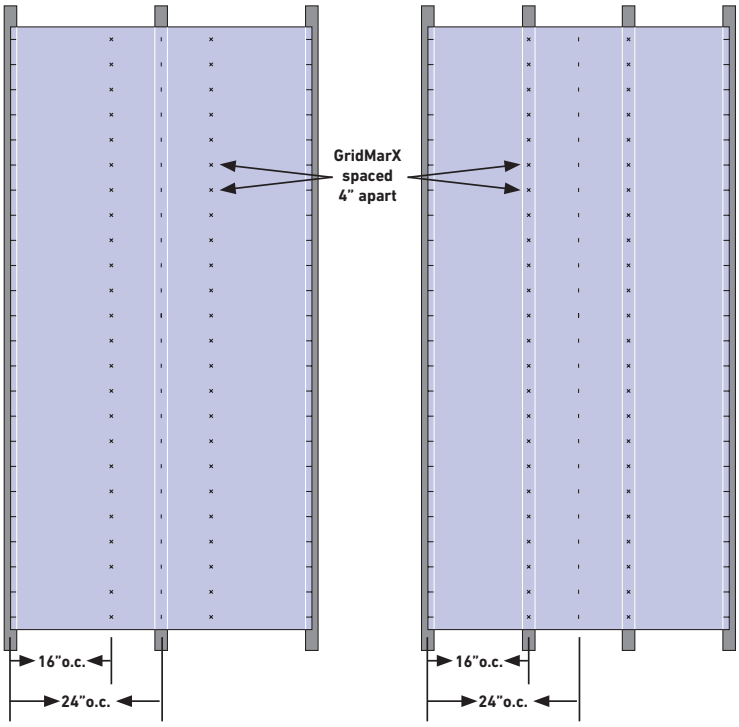
- Increases ease and speed of installation.
- Makes inspections easier.
- Provides invaluable reference marks for utilities and reduces potential to fasten through pipes and wires.
- Reduces the learning curve for new installers or apprentices.

HORIZONTAL APPLICATIONS



Framing 16" o.c.

VERTICAL APPLICATIONS



Framing 24" o.c.
MaX 12

Framing 16" o.c.
MaX 16

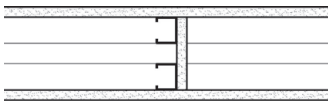
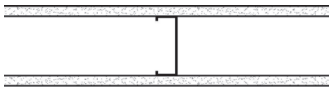
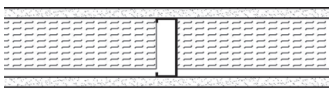
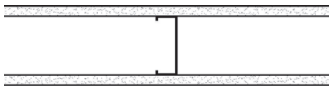
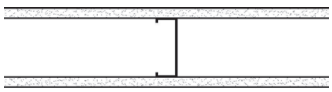
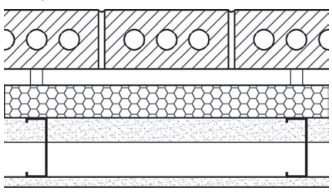
1-hour UL Designs featuring MaX 12®

12” O.C. Optimized Fastener Pattern

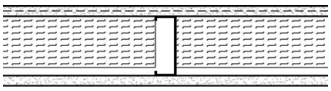
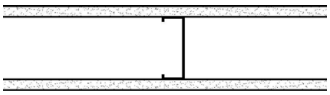
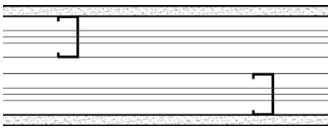
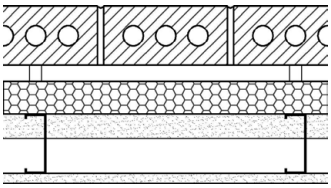
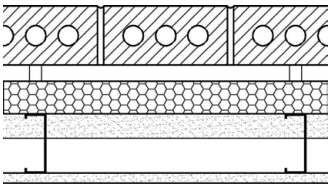
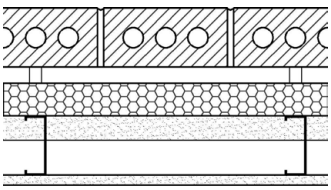
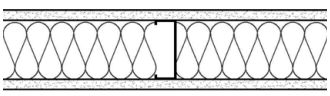


The MaX 12® optimized fastener pattern for UL fire-rated assemblies was recognized as the Association of the Wall and Ceiling Industry's (AWCI) 2021 Excellence in Construction Innovation Award winner. MaX 12 improves upon the industry standard fastener pattern for most UL fire-rated systems and replaces it with a simpler, more efficient method that results in savings of both installation and finishing labor, as well as material costs for the contractor.

A study by RSMeans data from Gordian, an industry leading construction cost consultant, determined that utilizing Gold Bond® Fire-Shield® Gypsum Board with patented GridMarX® installation guide marks and the MaX 12 optimized fastener pattern can save applicators significant cost per square feet. Visit max12savings.com to input your labor and materials costs and determine how much you can save on your next project.

Design No.	Description
U420 	**4I.** Gypsum Board* – As an alternate to Item 4 (for 1 hour rating) – Nom. 5/8” thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” o.c. along vertical edges and in the field. Screws spaced 12” o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
U465 	**4D.** Gypsum Board* – As an alternate to Items 4, 4A, 4B, and 4C – Nom. 5/8” thick gypsum panels applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” o.c. along vertical edges and in the field. Screws spaced 12” o.c. along the top and bottom of wall for both vertical and horizontal applications. When used in widths other than 48”, gypsum panels to be installed horizontally. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, SBWB (vertical applications only), FSLX (insulation required)
V417 	**4I.** Gypsum Board* – (As an alternate to Item 4) – Nom. 5/8” thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” o.c. along vertical edges and in the field. Screws spaced 12” o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
V438 	**6.** Fasteners – (Not Shown) – Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Items 7 or 7A). Single layer systems: When 5/8” thick gypsum panels applied vertically or horizontally, 1” long spaced 12” o.c. along vertical edges and in the field, and 12” OC along top and bottom of wall. **NATIONAL GYPSUM COMPANY** – 5/8” thick Type FSL, FSW, FSK, FSW-3, FSW-5, FSW-G, FSW-6, SBWB (vertical applications only), FSLX (insulation required)
V450 	**3K.** Gypsum Board* –As an alternate to Item 3 through 3J (For 1 hr rating) – Nom. 5/8” thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” OC along vertical edges and in the field. Screws spaced 12” o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
V482 	**4A.** Gypsum Board* – As an alternate to Item 4 – Nom. 5/8” thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” o.c. along vertical edges and in the field. Screws spaced a 12” o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)

1-hour UL Designs featuring MaX 12®
(Continued)

Design No.	Description
V438 	**4B.** Gypsum Board* – As an alternate to Item 4 – Nom. 5/8" thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
V486 	**3N.** Gypsum Board* – (As an alternate to Item 3, for 1 hr. rating) – Nom. 5/8" thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
V488 	**5.** Gypsum Board* – Nom 5/8" thick, 4 ft. wide, gypsum panels with beveled, square or tapered edges. Gypsum panels with beveled, square or tapered edges. For single layer systems gypsum panels applied vertically or horizontally with joints centered over studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
W417 	**4A.** Gypsum Board* – As an alternate to Item 4 – Nom. 5/8" thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
W421 	**4A.** Gypsum Board* – As an alternate to Item 4 – Nom. 5/8" thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
W444 	**4A.** Gypsum Board* – As an alternate to Item 4 – Nom. 5/8" thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1" long Type S steel screws 12" o.c. along vertical edges and in the field. Screws spaced 12" o.c. along the top and bottom of wall for both vertical and horizontal applications. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX, SBWB (vertical applications only)
W465 	**4.** Gypsum Board* - Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Gypsum panels secured to steel studs with min. 1" Type S or S-12 steel screws spaced 12" o.c along vertical edges and in the field, and 12" o.c. along top and bottom of wall. **NATIONAL GYPSUM COMPANY** – Type FSLX



To stay on schedule and on budget, it is essential to quickly train new carpenters. Using Gold Bond® gypsum board products with GridMarX® installation guide marks boosts the confidence of new crew members because they simply follow the patterns.



Troy Vance, CEO of Valley Interior Systems, said, "Quality control is one of the key benefits for us in using GridMarX and MaX 12."

The combination of GridMarX and MaX 12 speeds up installation and training for Midwest contractor

For top-quality, fast and efficient drywall installation, there's no better product than Gold Bond® gypsum board products with GridMarX® installation guide marks and the MaX 12® fastener pattern, according to Troy Vance, CEO of Valley Interior Systems, one of the largest union drywall contractors in the Midwest region.

"Quality control is one of the key benefits for us in using GridMarX and MaX 12," Vance said. "A lot of the large contractors we work with have a quality control program. It's easy for us to communicate with them and let them know we use GridMarX, so they know the spacing will be clearly marked out and easily inspected."

GridMarX installation guide marks are printed on the paper surface of all 4' wide boards manufactured by Gold Bond Building Products to help drywall installers quickly and accurately drive screws in the correct locations. MaX 12 is the industry's first 12" optimized fastener pattern for single layer, 1-hour UL fire-rated assemblies on metal framing spaced 24" o.c.

In business for 41 years, Valley Interior Systems has over 1,000 carpenters, finishers and plasterers, who work on everything from hospitals to office buildings. They have experienced increased fastener accuracy, enhanced installation and finishing quality and easier assurance of compliance by using gypsum board with GridMarX and MaX 12.

The visual grid pattern also instills confidence in new carpenters.

"We are getting a lot of younger carpenters in the mix," Vance said. "Using GridMarX and MaX 12 is a great training tool because they can follow the patterns. It takes a lot of confusion out of the process."

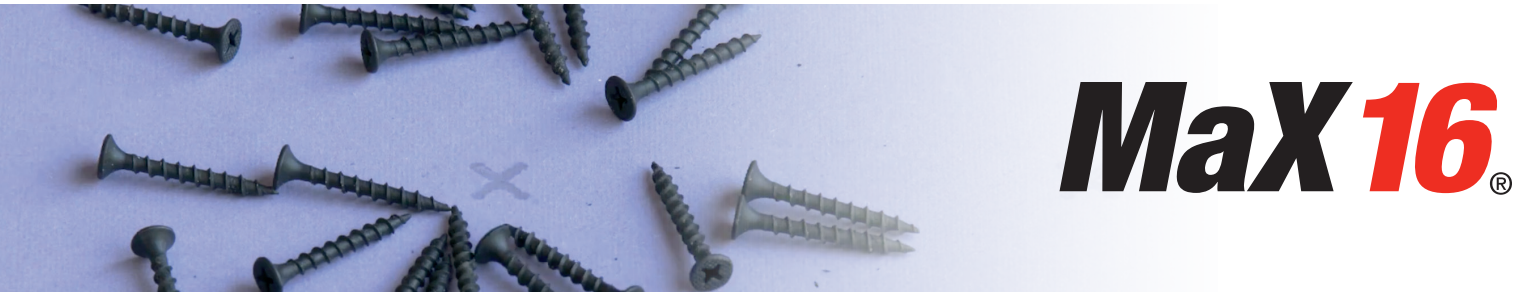
"There's a savings for the guys in the long run when you are using MaX 12 versus the original 8 inches on center pattern. It's fewer screws and therefore less wear and tear on their shoulders and elbows. Every little bit helps in keeping our team in good spirits and healthy."

– Troy Vance, CEO,
Valley Interior Systems

GridMarX and MaX12

MaX 16® Fastener Pattern

Industry's Only 16" O.C. Fastener Pattern



Building on the success of MaX 12®, we created MaX 16®, the industry's only 16" o.c. optimized fastener pattern for single layer, 1-hour UL fire-rated assemblies with metal framing spaced 16" on center.

The combination of the new MaX 16 fastener pattern with GridMarX® installation guide marks makes installation simple and saves time, labor and material costs.

Applicators no longer need to discern between non-rated single-layer partitions and most 1-hour fire-rated steel stud assemblies with metal framing spaced 16" on center. The new 16" x 16" fastener pattern is applicable for both horizonal and vertical applications.

A time/motion study conducted by RSMeans data from Gordian identified significant materials and labor savings using the MaX 16 fastener pattern with GridMarX installation guide marks:

Saves up to 46% in installation time and as much as 24 screws per 4' x 12' board when applied in a vertical orientation.

FASTENER SAVINGS

Horizontal Applications

- Save an average of **47%** in fasteners using MaX 16 as compared to the industry standard pattern.
- Save **900** fasteners per 1200sf
  - 24 fasteners per 4' x 8' board
  - 36 fasteners per 4' x 12' board

Vertical Applications

- Save an average of **37%** in fasteners using MaX 16 as compared to the industry standard pattern.
- Save **600** fasteners per 1200sf
  - 16 fasteners per 4' x 8' board
  - 24 fasteners per 4' x 12' board

LABOR SAVINGS

Horizontal Applications

- Save **48.5%** in installation time using MaX 16 with GridMarX (16" x 16") as compared to the industry standard pattern (8" x 8")
- Save **80** minutes of installation time per 1200sf
  - 8" X 8" = 165 minutes
  - 16" x 16" = 85 minutes

Vertical Applications

- Save **46.2%** in installation time using MaX 16 with GridMarX (16" x 16") as compared to the industry standard pattern (8" x 12")
- Save **90** minutes of installation time per 1200sf
  - 8" x 12" = 195 minutes
  - 16" x 16" = 105 minutes

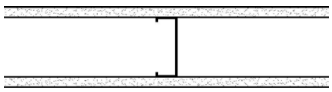
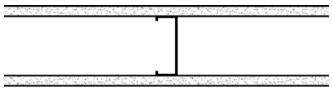
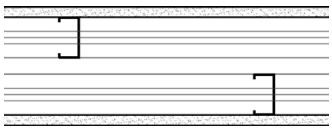
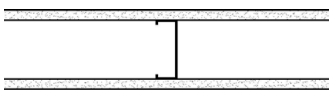
1-hour UL Designs featuring MaX 16®

16” O.C. Optimized Fastener Pattern

The combination of the new MaX 16® fastener pattern with GridMarX® installation guide marks makes installation simple and saves time and money. Applicators no longer need to discern between non-rated single-layer partitions and most 1-hour fire-rated steel stud assemblies with metal framing spaced 16” on center. The new 16” x 16” fastener pattern is applicable for both horizonal and vertical applications.

A time/motion study conducted by RSMeans data from Gordian identified using the MaX 16 fastener pattern with GridMarX installation guide marks **saves up to 46% in installation time and as much as 24 screws per 4’ x 12’ board when applied in a vertical orientation.**

Visit max16savings.com to input your labor and materials costs and determine how much you can save on your next project.

Design No.	Description
V438 	**6.** Fasteners – (Not Shown) – Type S or S-12 steel screws used to attach panels to studs (item 2) or furring/ resilient channels items 7 or any alternate clips. **Single layer systems:** When 5/8” thick gypsum panels applied vertically or horizontally, 1” long spaced 12” o.c. along vertical edges and in the field and 12 in. along top and bottom of wall. *When studs (item 2) spaced a max 16” o.c. 5/8” thick gypsum panels applied vertically or horizontally, 1” long spaced 16” o.c. along vertical edges and in the field, and 16” o.c. along top and bottom of wall.* When ½” thick panels are applied vertically and horizontally, 1” long, spaced 8” o.c. along edges of board and 12” o.c. in the field of board. When 3/4” thick panels are applied vertically or horizontally, 1-1/4” long spaced 8” o.c. along edges of board and in the field. **NATIONAL GYPSUM COMPANY** – Types FSK, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX (insulation required)
U465 	**4D.** Gypsum Board* – As an alternate to Items 4, 4A, 4B, and 4C – Nom. 5/8 in. thick gypsum panels applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1 in. long Type S steel screws 12 in. o.c. along vertical edges and in the field, and 12 in. OC along top and bottom of wall. *When used in widths other than 48 in., gypsum panels to be applied horizontally. When studs (Item 2) spaced a max 16 in. OC, 5/8 in. thick gypsum panels applied vertically or horizontally, 1 in. long Type S steel screws spaced 16 in. OC along vertical edges and in the field, and 16 in. OC along top and bottom of wall.* **NATIONAL GYPSUM COMPANY** – Types FSK, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX
V488 	**5.** Gypsum Board* – Nom 5/8” thick, 4’ wide, gypsum panels with beveled, square or tapered edges. **For single layer systems** gypsum panels applied vertically or horizontally with joints centered over studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1” long Type S steel screws 12” o.c. along vertical edges and in the field, and 12” o.c. along top and bottom of wall. *When studs (Item 2) spaced a max 16” o.c., 5/8” thick gypsum panels applied vertically or horizontally, 1” long Type S screws spaced 16” o.c. along vertical edges and in the field, and 16” o.c. along top and bottom of wall.* For two layer systems gypsum panels applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs and in adjacent layers. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints in adjacent layers staggered a min of 12”. First layer secured with 1” long Type S or S-12 steel screws, spaced 16” o.c. Second layer secured with 1-5/8” long Type S or S-12 steel screws, spaced 16” o.c. with screws offset 8” from first layer. Screw spacings remain the same when applied to furring channels.. **NATIONAL GYPSUM COMPANY** – Types FSK, FSL, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSLX
W469 **Load-bearing** 	**6.** Fasteners – (Not Shown) – For use with Item 5, 5A, 5B or 5C – Type S-12 steel screws used to attach panels to runners (Item 1) and studs (Item 2) or furring channels (Item 8). Single layer systems: 1” long, spaced 12” o.c. for 1/2 and 5/8 in. thick panels. For use with Item 5A, when studs (Item 2) spaced a max 16” o.c., 5/8” thick gypsum panels applied verically or horizontally, 1” long spaced 16” o.c. along verical edges and in the field, and 16” o.c. along top and bottom of wall. **NATIONAL GYPSUM COMPANY** – 5/8” thick Type FSW, FSK, FSW-3, FSW-6, FSLX (insulation required)

Fastener Pattern Selector Chart

When to use MaX 12® or MaX 16® based on core type and stud spacing.

Non Load Bearing *(Spacing: Perimeter / Field - "P/F")*

5/8" GYPSUM BOARDS	Fire-Shield® XP® Fire-Shield® Kal-Kore® Fire-Shield® XP® Hi-Impact® XP® Hi-Abuse®	SoundBreak® XP® Fire-Shield®	High Strength Fire-Shield 60®	eXP® Interior Extreme® eXP® Interior Extreme® AR eXP® Interior Extreme® IR
Non-Rated: 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	16" / 16"	16" / 16"	16" / 16"	16" / 16"
Non-Rated: 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	12" / 12"	12" / 12"	12" / 12"	12" / 12"
1 Hr. 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board (UL V438)	16" / 16"	16" / 16"	16" / 16" with insulation	16" / 16"
1 Hr. 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board (UL V438)	12" / 12"	12" / 12"	12" / 12" with insulation	12" / 12"

Non Load Bearing *Conventional - Required Fastener Pattern*

5/8" GYPSUM BOARDS	Type X	Sound Damping Board (vertical application only)	Fire Rated Lightweight	Fire Rated Glass Mat
Non-Rated: 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	16" / 16"	16" / 16"	16" / 16"	16" / 16"
Non-Rated: 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	12" / 12"	12" / 12"	12" / 12"	12" / 12"
1 Hr. 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	8" / 12" V 8" / 8" H	8" / 12"	12" / 12"	8" / 12" V 8" / 8" H
1 Hr. 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	8" / 12" V 8" / 8" H	8" / 12"	12" / 12"	8" / 12" V 8" / 8" H

Load Bearing *(Spacing: Perimeter / Field - "P/F")*

5/8" GYPSUM BOARDS	Fire-Shield® XP® Fire-Shield® Kal-Kore® Fire-Shield® XP® Hi-Impact® XP® Hi-Abuse®	SoundBreak® XP® Fire-Shield®	High Strength Fire-Shield 60®	eXP® Interior Extreme® eXP® Interior Extreme® AR eXP® Interior Extreme® IR
Non-Rated: 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	16" / 16"	16" / 16"	16" / 16"	16" / 16"
Non-Rated: 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	12" / 12"	12" / 12"	12" / 12"	12" / 12"
1 Hr. 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board (UL W469)	16" / 16"	12" / 12"	16" / 16" with insulation	16" / 16"
1 Hr. 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board (UL W469)	12" / 12"	12" / 12"	12" / 12" with insulation	12" / 12"

Load Bearing *Conventional - Required Fastener Pattern*

5/8" GYPSUM BOARDS	Type X	Sound Damping Board (vertical application only)	Fire Rated Lightweight	Fire Rated Glass Mat
Non-Rated: 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	16" / 16"	16" / 16"	16" / 16"	16" / 16"
Non-Rated: 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	12" / 12"	12" / 12"	12" / 12"	12" / 12"
1 Hr. 16" o.c. Steel Stud Spacing Single Layer of Gypsum Board	8" / 12" V 8" / 8" H	8" / 12"	12" / 12"	8" / 12" V 8" / 8" H
1 Hr. 24" o.c. Steel Stud Spacing Single Layer of Gypsum Board	8" / 12" V 8" / 8" H	8" / 12"	12" / 12"	8" / 12" V 8" / 8" H



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1-800-NATIONAL®
1-800-628-4662

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Customer Service

Atlantic Area
(800) 237-9167
atlanticareacsrs@nationalgypsum.com

Central Area
(800) 252-1065
centralareacsrs@nationalgypsum.com

Gulf Area
(800) 343-4893
gulfareacsrs@nationalgypsum.com

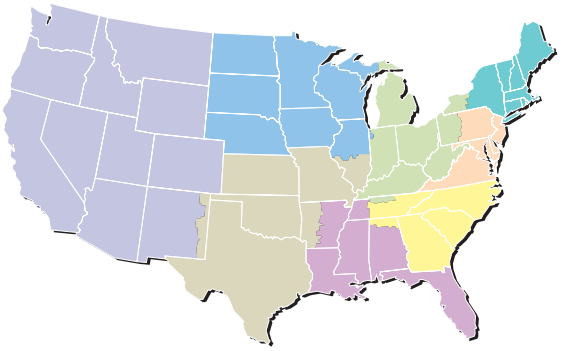
Midwest Area
(800) 323-1447
midwestareacsrs@nationalgypsum.com

Northeast Area
(800) 253-3161
northeastareacsrs@nationalgypsum.com

Southeast Area
(800) 548-9394
southeastareacsrs@nationalgypsum.com

Southwest Area
(800) 548-9396
southwestareacsrs@nationalgypsum.com

Western Area
(800) 824-4227
westernareacsrs@nationalgypsum.com



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Gold Bond Building Products, LLC
2001 Rexford Road
Charlotte, NC 28211

704.365.7300
goldbondbuilding.com

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