

## Substitution Request

Project: Substitution Request Number:

From:

To: Date:

A/E Project Number:

Owner:

Specification Title: Description:

Section: Page: Article/Paragraph:

Proposed Substitution: **High Strength LITE Gypsum Board**

Manufacturer: **National Gypsum Company**

Address: **2001 Rexford Rd., Charlotte, NC 28211** Phone: **1-800-628-4662**

Trade Name and Model No: **Gold Bond® BRAND ½" High Strength LITE® Gypsum Board – GB0009**

Installer: Address: Phone:

History:  **New Product**  **1 – 4 Years**  **5 – 10 Years**

Differences between proposed substitution and specified product:

Reason for not providing specified item:

### Similar Installation:

Project: Architect:

Address: Owner:

Date Installed:

Proposed substitution affects other parts of Work:  **No**

Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports  Other

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

---

Submitted by:

Signature:

Firm Name:

Address:

Phone:

Attachments:

---

A/E's Review and Action:

- Substitution approved – Make submittals in accordance with Division 1 Section: Substitutions.
- Substitution approved as noted – Make submittals in accordance with Division 1 Section: Substitutions.
- Substitution rejected – Use specified materials.
- Substitution Request received too late – Use specified materials.

Signed By:

Date:

---

Additional Comments:  Contractor  Subcontractor  Supplier  Manufacturer  A/E  Other

---

**Upon completion return to:**

**Name:**

**Address:**

**Phone:**

**Fax:**

**Email:**

**National**   
**Gypsum**®

# GOLD BOND® BRAND HIGH STRENGTH LITE® GYPSUM BOARD

## MANUFACTURER

National Gypsum Company  
2001 Rexford Road  
Charlotte, NC 28211  
(704) 365-7300

Technical Information:  
1-800-NATIONAL  
(1-800-628-4662)

Fax: 1-800-FAX NGC1  
(1-800-329-6421)

Internet Home Page:  
nationalgypsum.com  
nationalgypsum.com/espanol

09 29 00/NGC BuyLine: 1100

## DESCRIPTION

Gold Bond® BRAND High Strength LITE® Gypsum Board is a specialty gypsum board that is formulated to be 25% lighter than original 1/2" High Strength Gypsum Board. The result is a superior board that is lighter in weight, sag resistant and easier to handle.

## BASIC USES

High Strength LITE Gypsum Board can be used for walls and ceilings in non-fire rated single layer construction where framing members are spaced up to 24" o.c. Because it can be installed on both walls and ceilings, it eliminates the need for two different types of gypsum board on the job.

## ADVANTAGES

- 25% lighter than original 1/2" High Strength Gypsum Board.
- Can be used for walls and ceilings.
- Can be installed on ceilings 24" o.c. using a water-based texture and overlaid insulation.
- Lighter weight results in easier handling.
- Excellent working properties including score and snap, reduced dust and improved strength-to-weight ratio.
- Excellent sag resistance. Test results show overall sag on tested assembly to be equivalent to 5/8" Type X gypsum board.

- GridMarX® guide marks are printed on the paper surface allowing the installer to quickly identify fastener lines for stud and joist framing. GridMarX also assist with quick identification of nail/screw patterns.

## GREENGUARD CERTIFIED

High Strength LITE Gypsum Board has achieved GREENGUARD Gold Certification.



## LIMITATIONS

- Not recommended for high moisture areas such as saunas, steam rooms or gang showers.
- Prime with latex primer and allow to dry thoroughly before decoration.
- High Strength LITE Gypsum Board must be stored off the ground and under cover. Sufficient risers must be used to assure support for the entire length of the gypsum board to prevent sagging.
- Not to be exposed to temperatures exceeding 125°F (52°C) for extended periods of time.

- If installing ceiling insulation, the weight should not exceed 2.2 lbs./sq.ft. Apply insulation and polyethylene vapor barrier (if used) before installation.

## COMPOSITION & MATERIALS

High Strength LITE Gypsum Board is a manufactured panel with a gypsum core encased in paper and contains no asbestos.

## ACCESSORIES

- Fasteners: drywall screws, nails or adhesives
- ProForm Joint Tape
- ProForm Ready Mix or ProForm Quick Set/Quick Set Lite Setting Compound
- Furring channels
- E-Z Strip control joints or .093 zinc control joints

## TECHNICAL DATA

### PHYSICAL PROPERTIES

Thickness, nominal	1/2" Regular (12.7 mm)	
Width, nominal	<b>4' (1219 mm)</b>	<b>54" (1372 mm)</b>
Length, standard*	8' - 14' (2438 mm - 4267 mm)	12' (3657 mm) - 14' (4267 mm)
Weight, lbs./sq.ft., nominal	1/2" Regular 1.3 – 1.4	
Edges	Tapered	
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 15 Smoke Developed: 0	

\*Special lengths may be available. Contact your local sales representative for more information.

### APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396
ASTM C 840
Gypsum Association GA-216
Gypsum Association GA-214
Federal Specification SS-L-30D Type III (Grade R)
National Gypsum Company, <i>Gypsum Construction Guide</i>

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_ Date \_\_\_\_\_

Submittal Approvals: (Stamps or Signatures)

## INSTALLATION

### RECOMMENDATIONS

Installation of High Strength LITE Gypsum Board is the same as for gypsum board and should be consistent with the methods described in the noted standards and references.

### DECORATION

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. To improve fastener and joint concealment, a coat of a quality primer is recommended to equalize the porosities between surface paper and joint compound. Drywall primer is a product specially formulated for this purpose.

The selection of a paint to give the specified or desired finished characteristics is the responsibility of the architect or contractor.

High Strength LITE Gypsum Board that is to have a wall-covering applied to it should be prepared and primed as described for painting.

Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, should be referred to in order to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.