



# High Strength LITE<sup>®</sup> Gypsum Board

**National**   
**Gypsum**<sup>®</sup>

Exclusive service provider of  
Gold Bond Building Products, LLC

# High Strength LITE<sup>®</sup>

## Specialty Gypsum Board

### Formulated to be 25% Lighter



1. 100% Recycled Paper
2. Tapered or Square Edge
3. Gypsum Core

Use it for interior, non-fire-rated wall and ceiling applications. Gold Bond<sup>®</sup> High Strength LITE<sup>®</sup> is 25% lighter in weight than standard 1/2" gypsum board. This gypsum board provides superior sag resistance.

#### ADVANTAGES

##### INSTALLS FAST AND EASY

- 25% less weight is easier to handle.
- Scores and snaps easily.
- Edges are tapered, allowing joints to be reinforced.
- Features GridMarX<sup>®</sup> guide marks on the board to allow for faster and more accurate installation.

##### RESISTS SAGGING

- Sag resistance is equivalent to 5/8" (15.9 mm) Type X gypsum board.

##### OFFERS EXCELLENT WORKING PROPERTIES

- Achieves improved strength-to-weight ratio.
- Stays dimensionally stable under changes in temperature and relative humidity and resists warping, rippling, buckling and sagging.

##### PROVIDES FIRE RESISTANCE

- Features a fire-resistant, non-Type X core.



#### TECHNICAL DATA

Physical Properties	High Strength LITE
Thickness <sup>1</sup> , Nominal	1/2" (12.7 mm)
Width <sup>1</sup> , Nominal	4' (1,219 mm), 54" (1,372 mm)
Length <sup>1,4</sup> , Standard	8' – 14' (2,438 mm – 4,267 mm) 12' – 14' (3,657 mm – 4,267 mm)
Weight, Nominal	1.3 – 1.4 lbs./sq. ft. (6.35–6.84 k/m <sup>2</sup> )
Edges <sup>1</sup>	Tapered or Square
Flexural Strength <sup>1</sup> , Perpendicular	≥ 107 lbf. (476 N)
Flexural Strength <sup>1</sup> , Parallel	≥ 36 lbf. (160 N)
Humidified Deflection <sup>1</sup>	≤ 10/8" (31.8 mm)
Nail Pull Resistance <sup>1</sup>	≥ 77 lbf. (343 N)
Hardness <sup>1</sup> – Core, Edges and Ends	≥ 11 lbf. (49 N)
Bending Radius	10' (3,048 mm)
Thermal Resistance <sup>5</sup>	R = .45
Product Standard Compliance	ASTM C1396
Fire-Resistance Characteristics	
Core Type	Regular
UL Type Designation	N/A
Combustibility <sup>2</sup>	Non-combustible Core
Surface Burning Characteristics <sup>3</sup>	Class A
Flame Spread <sup>3</sup>	15
Smoke Development <sup>3</sup>	0

Please refer to product submittal for Applicable Standards and References.