

Gold Bond® BRAND

High Strength Fire-Shield® LITE® 30 Gypsum Board

Lightweight With 30-Minute Fire Resistance

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Use it for interior, 30-minute fire-rated and 1-hour fire-rated wall applications or non-rated ceiling applications.

Gold Bond® BRAND High Strength Fire-Shield® LITE® 30 has a fire-resistant, non-Type X gypsum core. This gypsum board is 30 percent lighter in weight than standard 5/8 in. (15.9 mm) Gold Bond® BRAND Fire-Shield® Gypsum Board.



Provides Fire Resistance

- UL Classified and approved component in specific UL fire-rated design W411.
- Features a fire-resistive, non-Type X core.



Installs Fast And Easy

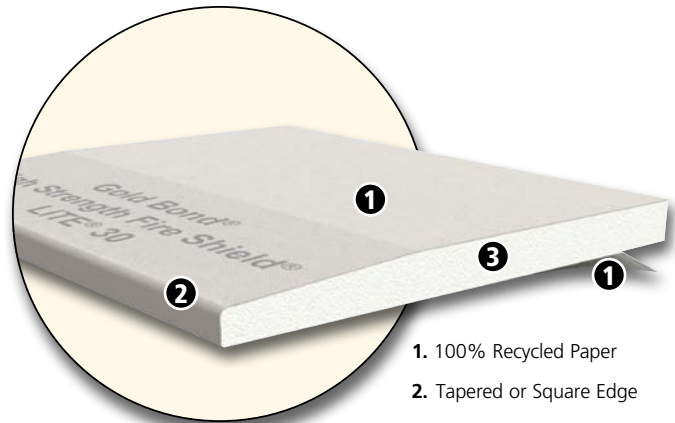
- 30% less weight is easier to handle.
- Scores and snaps easily.
- Edges are tapered, allowing joints to be reinforced.



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.

NOTE: This is a non-Type X product and is not a substitute for Type X gypsum board. The High Strength Fire-Shield LITE® 30 product is for single- or multi-layer gypsum board construction for 30-minute or 1-hour fire-rated assemblies. The face of the board and the product end tapes are clearly labeled so the installer can identify this product for the appropriate application.



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

PHYSICAL PROPERTIES

Thickness¹, Nominal	5/8" (15.9 mm)
Width¹, Nominal	4' (1,219 mm)
Length^{1,4}, Standard	8' – 12' (2,438 mm – 3,658 mm)
Weight, Nominal	1.6 – 1.8 lbs. / sq. ft. (7.81 – 8.79 k/m ²)
Edges¹	Tapered or Square
Flexural Strength¹, Perpendicular	≥ 147 lbf. (654 N)
Flexural Strength¹, Parallel	≥ 46 lbf. (205 N)
Humidified Deflection¹	≤ 5/8" (15.9 mm)
Nail Pull Resistance¹	≥ 87 lbf. (387 N)
Hardness¹ – Core, Edges and Ends	≥ 11 lbf. (49 N)
Bending Radius	15' (4,572 mm)
Thermal Resistance⁵	R = .56
Product Standard Compliance	ASTM C1396

Fire-Resistance Characteristics

Core Type	Non-Type X
UL Type Designation	FSL30
Combustibility²	Non-combustible Core
Surface Burning Characteristics³	Class A
Flame Spread³	15
Smoke Development³	0

Applicable Standards and References

ASTM C473 Standard Test Methods for Physical Testing of Gypsum Panel Products
ASTM C518 Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM C840 Standard Specification for Application and Finishing of Gypsum Board
ASTM C1396 Standard Specification for Gypsum Board
ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM E136 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C
Gypsum Association, GA-214, <i>Recommended Levels of Finish for Gypsum Board, Glass Mat and Fiber-Reinforced Gypsum Panels</i>
Gypsum Association, GA-216, <i>Application and Finishing of Gypsum Panel Products</i>
Gypsum Association, GA-238 <i>Guidelines for Prevention of Mold Growth on Gypsum Board</i>
National Gypsum Company, <i>NGC Construction Guide</i>

1. Specified values per ASTM C1396, tested in accordance with ASTM C473.
2. Tested in accordance with ASTM E136.
3. Tested in accordance with ASTM E84.
4. Please consult your local sales representative for all non-standard lengths and widths. Minimum order requirements may apply.
5. Tested in accordance with ASTM C518.