



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Distributor: NATIONAL GYPSUM COMPANY
a dba of National Gypsum Services Company
2001 Rexford Road
Charlotte, NC 28211
(704) 365-7506
www.nationalgypsum.com/

Issued October 12, 2023

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

National Gypsum Company is the exclusive service provider for products manufactured by Gold Bond Building Products, LLC.

Manufacturing Plants: Mt. Holly, NC Wilmington, NC
Gibson, FL Savannah, GA

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Structural Component
Subcategory: Structural Wall
Code Sections: 703.5.1, 1709.1, T2506.2,
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Progressive Engineering (TST4205)	2008-451	ASTM C 1177	2017
Progressive Engineering (TST4205)	2007-1591 (A)	ASTM C 1177	2017
Southwest Research Institute (TST2561)	01.13539.02.019a & b	ASTM E 136	2019
Progressive Engineering (TST4205)	2007-1591 (C)	ASTM E 330	2014
Progressive Engineering (TST4205)	2007-1591 (D)	ASTM E 330	2014
Southwest Research Institute (TST2561)	01.13536.01.043a	ASTM E 84	2018b
UL LLC (TST9628)	R4784/08CA20072	ASTM E 84	2018b

PRODUCT DESCRIPTION

Gold Bond® eXP® Sheathing ASTM E 136 noncombustible, coated, glass-fiber-mat-faced, water-resistant core gypsum sheathing which conforms to the physical property requirements of ASTM C 1177.

The sheathing is available in 1/2-inch thick Gold Bond eXP Sheathing and 5/8-inch thick Gold Bond eXP, Type X, Sheathing. The sheathing is 48-inches wide and is available in various lengths.

Gold Bond eXP Sheathing exhibits a flame-spread index of 25 or less and a smoke-developed index of 450 or less in accordance with ASTM E 84.

INSTALLATION

Products shall be installed in accordance with the manufacturer's published installation instructions, this report, ASTM C 1280 and the FBC.

WIND RESISTANCE

Gold Bond eXP Sheathing may be utilized to resist transverse wind loads up to an allowable pressure of +21.6/-21.6 psf under the following provisions:

1/2-inch thick Gold Bond eXP Sheathing is fastened to minimum 20 ga. (33 ksi), 3-5/8-inch deep by 1-1/4-inch flange C-Stud spaced a maximum 16-inch o.c. with No.6 x 1-1/4-inch long bugle-head, self-drilling, corrosion resistant tapping screws complying with ASTM C 1002 spaced 4-inch o.c. along the edges of each board and 8-inch o.c. along intermediate supports. Screws shall be installed a minimum edge distance of 3/8-inch.

5/8-inch thick Gold Bond eXP, Type X, Sheathing is fastened to minimum 20 ga. (33 ksi), 3-5/8-inch deep by 1-1/4-inch flange C-Stud spaced a maximum 24-inch o.c. with No.6 x 1-1/4-inch long bugle-head, self-drilling, corrosion resistant tapping screws complying with ASTM C 1002 spaced 4-inch o.c. along the edges of each board and 8-inch o.c. along intermediate supports. Screws shall be installed a minimum edge distance of 3/8-inch.

LIMITATIONS

- 1) This report is not for use in the HVHZ.
- 2) Use in fire-resistance-rated assemblies is not within the scope of this approval.
- 3) Design wind loads shall be determined in Section 1609 of the FBC.
- 4) Exterior coverings shall not be mechanically anchored to the sheathing.
- 5) Shear walls shall not be used to resist force imposed by masonry or concrete walls.
- 6) Fasteners shall be driven flush the panel surface without countersinking.
- 7) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R Priest P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been
digitally signed and sealed
by Zachary R. Priest, PE,
on 10/12/2023.

Printed copies of this
document are not
considered signed and
sealed and the signature
must be verified on any
electronic copies.


Digitally signed by Zachary R. Priest
CREEK Technical Services, LLC

2023.10.12
13:52:03
-04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT