



EVALUATION REPORT

FLORIDA BUILDING CODE 8TH EDITION (2023)

Manufacturer: GEORGIA-PACIFIC Gypsum LLC
2861 Miller Road
Decatur, GA 30035
(800) 225-6119
www.buildgpc.com

Issued December 26, 2023

Manufacturing Plants: Savannah, GA

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Structural Component
Subcategory: Structural Wall
Code Edition: Florida Building Code 8th Edition (2023) Non-HVHZ
Code Sections: 1709.2, T2606.2,
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Intertek – Atlanta (ATI) (TST3892)	E1673.01-550-44	ASTM E 283	2004(2012)
RADCO A Twining Company (TST1987)	RAD-5704	ASTM E 330	2014
PRI Construction Materials Technologies, LLC (TST5878)	GPGC-021-02-01	Physical Properties	-
		ASTM C 1177	2017

PRODUCT DESCRIPTION

DensElement™ Sheathing Coated, glass-fiber-mat-faced, water-resistant core gypsum sheathing which conforms to the physical property requirements of ASTM C 1177.

DensElement™ Sheathing is available in 1/2-inch and 5/8-inch thicknesses, is 48-inches wide and is available in various lengths, maximum 12-feet.

INSTALLATION

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

DensElement™ sheathing shall be attached with the sheathing fasteners flush with the panel surface without countersinking through the facer. Exterior coverings area not permitted to be mechanically anchored into the sheathing. Exposed fastener heads, openings, penetrations and transitions fastener heads shall be sealed with ProsocoR-Guard FastFlash liquid flashing.

WIND RESISTANCE

DensElement™ Sheathing may be utilized to resist transverse wind loads up to an allowable pressure of +20/-20 psf in opaque and penetrated walls under the following provisions:

5/8-inch thick DensElement™ Sheathing is fastened to minimum 18 ga. (33 ksi) steel, 2-inch by 4-inch studs spaced a maximum 16-inch o.c. with No.6 x 1-1/4-inch long Zinc coated, self-drilling, corrosion resistant screws complying with ASTM C 1002 spaced 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) Refer to ICC-ES ESR-3786 for additional approvals
- 4) Design wind loads shall be determined in Section 1609 of the FBC.
- 5) Exterior coverings shall not be mechanically anchored to the sheathing.
- 6) Shear walls shall not be used to resist force imposed by masonry or concrete walls.
- 7) Fasteners shall be driven flush the panel surface without countersinking.
- 8) 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 12/26/2023.

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

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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