



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
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Issued October 12, 2023

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

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

Manufacturing Plants: Clinton, IN
Green Cove Springs, FL
Cleburne, TX

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Panel Walls
Subcategory: Exterior Insulation Finish System
Code Sections: 1709.2, 2103.2, 2506.2
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Intertek Testing Services (TST6781)	31536949TOR-004	ANSI A118.1	2018
Intertek Testing Services (TST6781)	31536949TOR-004	ANSI A118.4	2018
Intertek Testing Services (TST6781)	31536949TOR-004	ANSI A118.9	1999
Intertek Testing Services (TST6781)	3031037	ASTM C 473	2017
Intertek Testing Services (TST6781)	J99-18693.3	ASTM E 84	2018b
Intertek Testing Services (TST6781)	J99-03207	ASTM E 330	2014
UL LLC (TST9628)	ER22158-01	AC308	2012
		AC508	2010

PRODUCT DESCRIPTION

PermaBASE® Cement Board

PermaBASE Cement Boards comply with ANSI A118.9 and are composed of cement, polystyrene beads, and aggregate. The unexposed side has a smooth finish with an embedded fiberglass mesh and the exposed side has a rough cementitious surface with a fiberglass mesh embedded in the core. PermaBASE Cement Boards are used for exterior backer board for tile, marble, stone, thin brick, Portland cement stucco, synthetic stucco, and manufactured stones.

PermaBASE Cement Boards exhibit a flame-spread index of 25 or less and a smoke-developed index of 450 or less in accordance with ASTM E 84.

PermaBASE Cement Boards meet or exceed required minimum for shear bond strength when tested in accordance with ANSI A118.1 with Dry-Set Portland Cement Mortar and Organic Adhesive Type I, and ANSI A118.4 with Latex Portland Cement Mortar.

INSTALLATION

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

WIND RESISTANCE

PermaBASE Cement Board may be utilized to resist transverse wind loads up to an allowable pressure of +34/-34 psf under the following provisions.

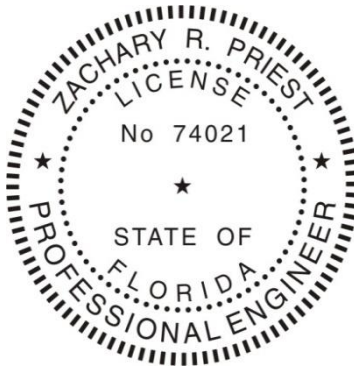
1/2-inch thick PermaBASE Cement Board is installed with the length direction parallel to the studs and fastened to minimum 20 ga. (33 ksi), 3-5/8-inch deep by 1-1/4-inch flange C-Stud spaced a maximum 16-inch o.c. with self-drilling screws having a minimum 0.45-inch diameter wafer-head, 0.190-inch diameter shank, a high-low thread, and a length of 1-5/8-inch spaced 8-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) Fasteners shall be driven flush the panel surface without countersinking.
- 6) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

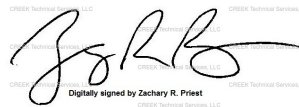
COMPLIANCE STATEMENT

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
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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