



THE STUCCO INSTITUTE

Stucco Information by and for Stucco Applicators
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This Document is to be used by a
Sealed Cladding Technician.

See list of certified installers at
SealedCladdingSystem.com



EVALUATION REPORT

FLORIDA BUILDING CODE 6TH EDITION (2017)

Manufacturer: UNITED GILSONITE LABORATORIES *Issued December 15, 2019*
 1396 Jefferson Avenue
 Dunmore, PA 18509
 (800) 272-3235
www.ugl.com

Manufacturing Plants: Jacksonville, IL
 Jackson, MS
 Dunmore, PA

Quality Assurance: PRI Construction Materials Technologies, LLC (QUA9110)

SCOPE

Category: Structural Component
Subcategory: Products Introduced as a Result of New Technology
Code Sections: 1709.2
Properties: Wind Resistance

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies, LLC (TST5878)	1809T0001	ASTM E 330	2002
PRI Construction Materials Technologies, LLC (TST5878)	1809T0003A	ASTM E 330	2002
PRI Construction Materials Technologies, LLC (TST5878)	1809T0003B	ASTM E 330	2002

PRODUCT DESCRIPTION

DRYLOK® Extreme Masonry Waterproofing Exterior, above grade masonry waterproof coating formulated with flexible encapsulated polymers that is brush, roller or spray-applied.

INSTALLATION

DRYLOK® Extreme Masonry Waterproofing shall be applied to the wall at a rate of 100 ft²/gal applied in two coats of 13-21 wet mils per coat. All surfaces shall be clean, free of dust, debris and efflorescence prior to application.

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 IAPMO Evaluation Report (UES-ER) 2017 for approval of StructaLath No. 17 SFRC Twin Trac 2.5.
- 4) Products shall be installed in accordance with the manufacturer's published installation instructions, this report, and the FBC.
- 5) Design wind loads shall be determined in Section 1609 of the FBC.
- 6) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

WIND RESISTANCE

Assembly 1

DRYLOK® Extreme Masonry Waterproofer may be utilized to resist transverse wind loads up to an allowable pressure of +75/-75 psf under the following provisions:

Min. 7/16-inch thick OSB Sheathing shall be designed by others to meet the design wind load requirements in accordance with Chapter 16 for Components and Cladding. Maximum stud spacing shall be 16-inch o.c.

An approved water-resistive barrier shall be installed over sheathing according to FBC section 1404.2 and manufacturer's installation instructions.

StructaLath No. 17 SFRC Twin Trac 2.5 shall be installed with minimum #8 x 1" truss-head, K-lath screws spaced maximum 16-inch o.c. along the horizontal dimension of the twin track. Attachment rows shall be spaced vertically a maximum 6-inch o.c. and offset 8-inch o.c. from the preceding row.

Stucco finish shall be prepared by mixing Portland Cement Based Plaster and sand at a ratio of 1:4 in accordance ASTM C 926 SM or FSM. The stucco shall be applied in two (2) 3/8-inch coats for a total thickness of 3/4-inch. The final coat shall be densified with a green wet float.

DRYLOK® Extreme Masonry Waterproofer shall be applied to the cured stucco at a rate of 100 ft²/gal applied in two coats.

Assembly 2

DRYLOK® Extreme Masonry Waterproofer may be utilized to resist transverse wind loads up to an allowable pressure of +60/-60 psf under the following provisions:

Min. 7/16-inch thick OSB Sheathing shall be designed by others to meet the design wind load requirements in accordance with Chapter 16 for Components and Cladding. Maximum stud spacing shall be 16-inch o.c.

An approved water-resistive barrier shall be installed over sheathing according to FBC section 1404.2 and manufacturer's installation instructions.

StructaLath No. 17 SFRC Twin Trac 2.5 shall be installed with minimum 1" leg x 1" crown, 16ga. galvanized steel staples spaced maximum 6-inch o.c. along the horizontal dimension of the twin track. Attachment rows shall be spaced vertically a maximum 6-inch o.c. and offset 3-inch o.c. from the preceding row.

Stucco finish shall be prepared by mixing Portland Cement Based Plaster and sand at a ratio of 1:4 in accordance ASTM C 926 SM or FSM. The stucco shall be applied in two (2) 3/8-inch coats for a total thickness of 3/4-inch. The final coat shall be densified with a green wet float.

DRYLOK® Extreme Masonry Waterproofer shall be applied to the cured stucco at a rate of 100 ft²/gal applied in two coats.

Assembly 3

DRYLOK® Extreme Masonry Waterproofer may be utilized to resist transverse wind loads up to an allowable pressure of +120/-120 psf under the following provisions:

Min. 5/8-inch thick DensGlass® Sheathing over min. 18ga. galvanized steel 2x C-stud spaced a maximum 16-inch o.c. C-stud strapping shall be placed perpendicular between studs a maximum 24-inch o.c. DensGlass Sheathing attachment and C-stud framing shall be designed by others to meet the design wind load requirements in accordance with Chapter 16 for Components and Cladding.

An approved water-resistive barrier shall be installed over sheathing according to FBC section 1404.2 and manufacturer's installation instructions.

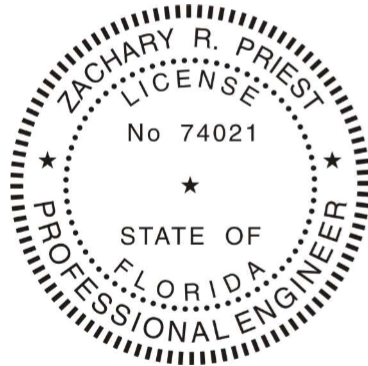
StructaLath No. 17 SFRC Twin Trac 2.5 shall be installed with minimum #8 x 1" truss-head, K-lath screws spaced maximum 16-inch o.c. into each stud along the twin track. Attachment rows shall be spaced vertically into the stud at each twin track, approximately 6-inch o.c.. The lath shall also be attached at each C-stud strap 4-inch o.c. and along the twin track.

Stucco finish shall be prepared by mixing Portland Cement Based Plaster and sand at a ratio of 1:4 in accordance ASTM C 926 SM or FSM. The stucco shall be applied in two (2) 3/8-inch coats for a total thickness of 3/4-inch. The final coat shall be densified with a green wet float.

DRYLOK® Extreme Masonry Waterproofer shall be applied to the cured stucco at a rate of 100 ft²/gal applied in two coats.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R Priest P.E. have demonstrated compliance with the Florida Building Code 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.




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