



PRI Construction Materials Technologies LLC

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Laboratory Test Report

Report for: Chad Stroike
Hilti North America
5400 S 122nd E Ave.
Tulsa, OK 74146

Product Name: CFS-EOS QS

Project No.: HLTI-005-02-01

Date(s) Tested: March 22, 2019

Test Method(s): ASTM D 6904, Federal Specification TT-C-555B

Results Summary: Compliant: Federal Specification TT-C-555B
Resistance to Wind Drive Rain Pass
Weight Gain (Average of 3) 0.02 lb

Purpose: Evaluate the identified product for resistance to wind driven rain performance in accordance with Resistance to Wind-Driven Rain section of Federal Specification TT-C-555B: *Coating, Textured (for Interior and Exterior Masonry Surfaces) (February 1973)* and/or ASTM D6904-03(2013): *Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied on Masonry*.

Test Methods: Resistance to Wind-Driven Rain results were determined in accordance with the Resistance to Wind-Driven Rain section of Federal Specification TT-C-555B: *Coating, Textured (for Interior and Exterior Masonry Surfaces) (February 1973)* and/or ASTM D6904-03(2013): *Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied on Masonry*. Resistance to Wind-Driven Rain results have been reported as [Pass/Fail]; moisture weight gain in test specimens have been reported in units of (lbs).

Sampling: The following materials were received by PRI.

| <u>Product</u> | <u>Source</u> | <u>Date</u> | <u>Sampling</u> |
|--------------------------------------|---------------|---------------|-----------------|
| Client supplied specimens of CFS-EOS | Irving, TX | March 6, 2019 | Hilti |

The specimens were received from the Hilti on March 6, 2019 assembled specimens of CFS-EOS QS Large, applied in a joint between two fabricated metal substrates approximately 5 inches apart and overlapping onto each metal substrate approximately 1 inch.

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Results:

TT-C-555B

| Property | Test Method | Result | Requirement |
|--|-------------|--------|-------------|
| Physical Property Requirements | | | |
| Resistance to Wind-Driven Rain [<i>Pass/Fail</i>] 3 specimens; 8" x 16" with 5" wide gap between metal substrates Conditioned ≥ 72h @ 73.4±3.6°F & 50±10%RH; Test for 24h with 60-70gal/h and ΔP= 4.9in _{w.c.} ; Visual Inspection for water leaks and/or moisture gain | TT-C-555B | Pass | Pass |
| Weight Gain of Block (lb) | TT-C-555B | 0.02 | <0.2 |

Note(s): None.

Statement of Attestation: The resistance to wind-driven rain performance of this coating was determined in accordance with *Federal Specification TT-C-555B* and/or ASTM D6904: *Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied on Masonry*. The laboratory test results presented in this report are representative of the material supplied.

Signed:



 Jason Simmons
 Director

Date:

_____ April 2, 2019 _____

Report Issue History:

| Issue # | Date | Pages | Revision Description (if applicable) |
|----------|-----------|-------|--------------------------------------|
| Original | 04/2/2019 | 2 | NA |

END OF REPORT

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