



PRI Construction Materials Technologies LLC

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Laboratory Test Report

Report for: Vito Mariano
Basecrete Technologies
7969 Moyer Ave
Sarasota, FL 34240

Product Name(s): Basecrete

Project No.: 2436T0002

Date(s) Tested: Jun. 28, 2022

Test Methods: ASTM E 108-11, -17

Results Summary: Meets Class A @ 5:12 over noncombustible deck

Purpose: Evaluate in accordance with **ASTM E108: Standard Test Methods for Fire Tests of Roof Coverings**, Class A over noncombustible roof deck.

Test Methods: Spread of Flame Testing was conducted in accordance with **ASTM E108: Standard Test Methods for Fire Tests of Roof Covering**. Test parameters were set to evaluate Class A over noncombustible roof deck.

Sampling: The following materials were received by PRI.

<u>Product</u>	<u>Source</u>	<u>Date</u>	<u>Sampling</u>
Basecrete	Sarasota, FL	Feb. 21, 2022	Basecrete

All other materials were procured through local sources of distribution.

Calibration: Two-minute average readings taken during calibration were as follows:

Air Velocity (mph)			Average Flame Temperature (°F)
Edge	Center	Edge	
11.5	12.1	12.2	1,399

2436T0002

The laboratory test results presented in this report are based on the material(s) supplied and tested. The results, and by extension any statements of conformity, opinions, or interpretations, apply the "simple acceptance" decision rule for measurement uncertainty accounting. This report is for the exclusive use of stated client. Only the client is authorized to permit copying or distribution of this report and then only in its entirety. PRI Construction Materials Technologies LLC assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.

Samples: Samples were prepared for testing using the following installation details and in accordance with the manufacturer’s installation instructions:

System #1

Membrane: Basecrete applied in two coats, each 1/16” thick, for a total thickness of 1/8”

Deck: Noncombustible

Conditioning: All specimens were stored indoors at 74±4°F prior to testing.

Results: Test parameters were set to evaluate Class A over noncombustible roof deck assemblies.

Physical Properties	Results		Requirement
ASTM E108 Class A; Noncombustible deck 5:12 test slope	Specimen 1	Specimen 2	
	Pass	Pass	Pass

Classification: System 1 described herein has met the requirements for Class A at 5:12 slope (unlimited slope) over noncombustible roof deck.

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Statement of Attestation: Testing was conducted in accordance with **ASTM E108: Standard Test Methods for Fire Tests of Roof Coverings**, Class A over noncombustible deck. The laboratory test results presented in this report are representative of the materials supplied.



Signed:

Zachary Priest, P.E.
Director

Report Issue History:

Issue #	Date	Pages	Revision Description (if applicable)
Original	07/18/2022	5	NA

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Company Name: Basecrete Technologies

Project Number: 2436T0002

Product Name: Basecrete

Technician: RB

Result: Pass

Date Tested: 6/28/2022

Test Type: Spread of Flame

Deck #: 1

Plywood % MC: 8

Class: A

Deck Slope: 5:12

Framing % MC: 8

Char Depth: N.A.

Max Spread: 0"

Object:	Time:	
	Minutes:	Seconds:
Ignition	10	30
Test Terminated	10	0

Note: At no time during or after testing were any of the following observed: roof cover or roof deck material blowing/falling off of the test deck in the form of flaming or glowing brands or particles that continue to glow after reaching the floor, the combustible roof deck exposed, lateral spread of flame, or spread of flame beyond 6 ft. (Class A), 8 ft. (Class B), or 13 ft. (Class C).

2436T0002

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Company Name: Basecrete Technologies

Project Number: 2436T0002

Product Name: Basecrete

Technician: RB

Result: Pass

Date Tested: 6/28/2022

Test Type: Spread of Flame

Deck #: 2

Plywood % MC: 8

Class: A

Deck Slope: 5:12

Framing % MC: 8

Char Depth: N.A.

Max Spread: 0"

Object:	Time:	
	Minutes:	Seconds:
Ignition	10	32
Test Terminated	10	0

Note: At no time during or after testing were any of the following observed: roof cover or roof deck material blowing/falling off of the test deck in the form of flaming or glowing brands or particles that continue to glow after reaching the floor, the combustible roof deck exposed, lateral spread of flame, or spread of flame beyond 6 ft. (Class A), 8 ft. (Class B), or 13 ft. (Class C).

END OF REPORT

2436T0002

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