AMERICAN FLAMECOAT INC.

520 Eagleton Downs Drive - D
Pineville, NC 28134
O: 704.405.2550
F: 704.543.9772
www.americanflamecoat.com

Client: thesign / AG
NEUSEELAND 32
9404 RORSCHACHERBERG
SWITZERLAND

Date: June 1, 2022
Test Report No: 104191
PO# THE SUITE

The sample submitted by the client as: thesign / AG – THE SUITE 30607 – treated with FLAMECOAT.
(ADHERED)

DATE OF RECEIPT: 05.26.2022

TESTING PERIOD: 6 DAYS

TEST REQUESTED: The submitted sample was tested for flammability in accordance with the procedures outlined in ASTM E-84-21a.

SIGNED

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INTRODUCTION:

This report presents test results of Flame Spread and Smoke Developed Value per ASTM E-84-21a. The report also includes Material Identification, Method of Preparation, Mounting and Conditioning of the specimens.

The tests were performed in accordance with the specifications set forth in ASTM E-84-21a, Standard Test Method for Surface Burning Characteristics of Building Materials, both as to equipment and test procedures. This test procedure is similar to UL-723, ANSI NO. 2.5, NFPA No. 255 and UBC 42-1. The test is applicable to exposed interior surfaces such as walls and ceilings.

The test results cover two parameters: Flame Spread and Smoke Developed Values during the 10-minute fire exposure. Inorganic cement board and red oak flooring are used as comparative standards and their responses are assigned arbitrary values of 0 and 100 respectively.

PREPARATION AND CONDITIONING:

The test sample identified as thesign / AG – THE SUITE 30607 – treated with FLAMECOAT - (ADHERED) was prepared by adhering the material to 5/8" Standard IC board, glued using FR - Shur-Stik wallcovering adhesive. This method of sample preparation is described in ASTM E2404-17, standard practice.

TEST PROCEDURE: Adhered

The tunnel was thoroughly pre-heated by burning natural gas. When the brick temperature, sensed by a floor thermocouple, had reached the prescribed 105 Fahrenheit +/- 5 Fahrenheit level, the sample was inserted in the tunnel and a test conducted in accordance with the standard ASTM E-84-21a procedures.

The operation of the tunnel was checked by performing a 10-minute test with inorganic board of the day of the test.

This test sample ***meets** the A.S.T.M. E-84-21 Standard.
This test sample ***meets** the N.F.P.A. LIFE SAFETY CODE 101.

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TEST RESULTS:

The test results calculated in accordance with ASTM E-84 for Flame Spread and Smoke Developed Values are as follows:

Test Specimen: thesign / AG – THE SUITE 30607 – treated with FLAMECOAT (ADHERED)

Flame Spread Index = 05
Smoke Developed Value = 40

Observation: Tested Fabric Meets the Requirements for ASTME-84-21a

Rating: Class A

The National Fire Protection Association Life Safety Code 101, Section 6-5.3, "Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, "Method of Test of Surface Burning Characteristics of Building Materials", (ASTM E-84)

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread-	0-25
	Smoke Developed-	0-450
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	Smoke Developed-	0-450

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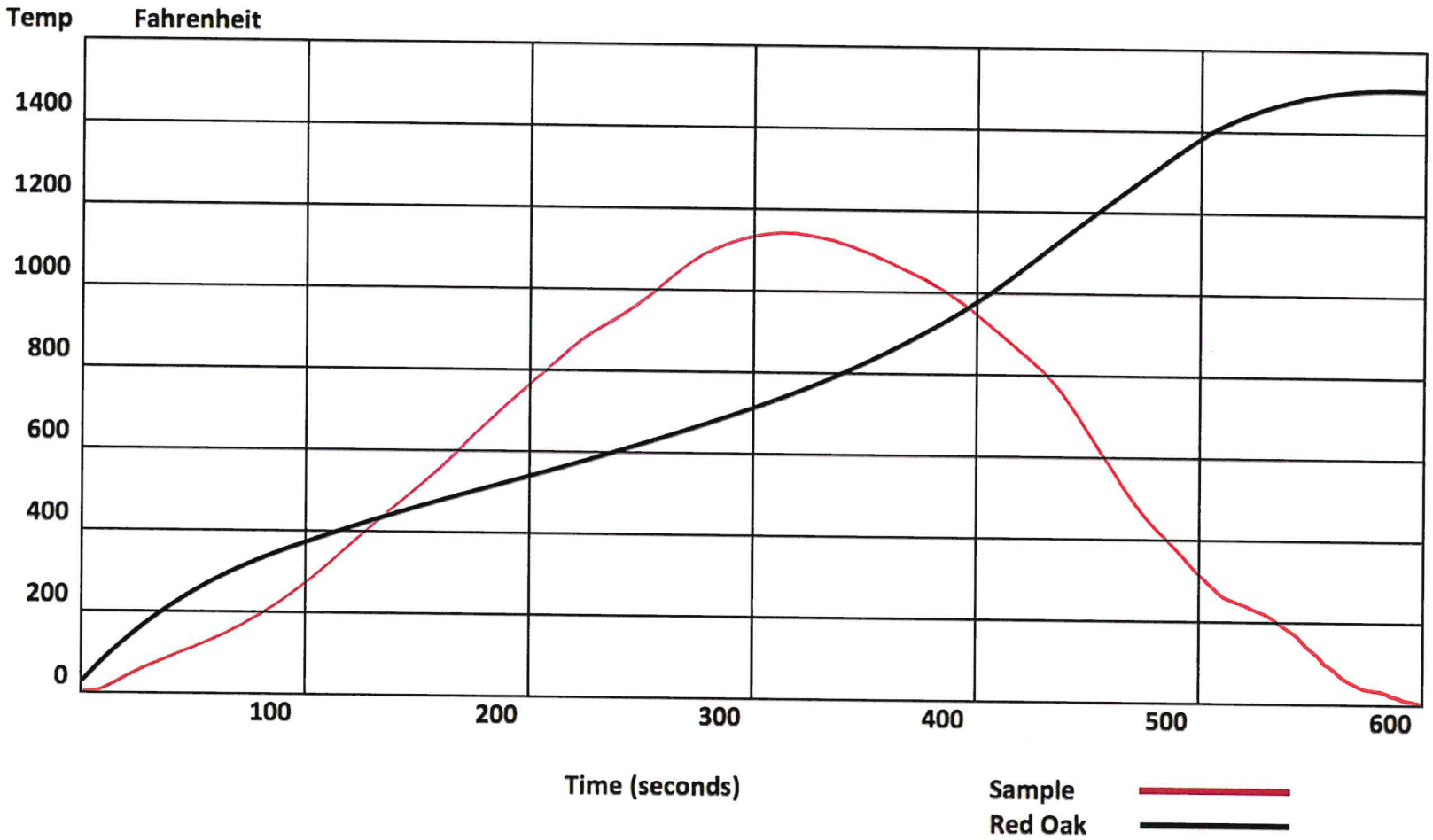

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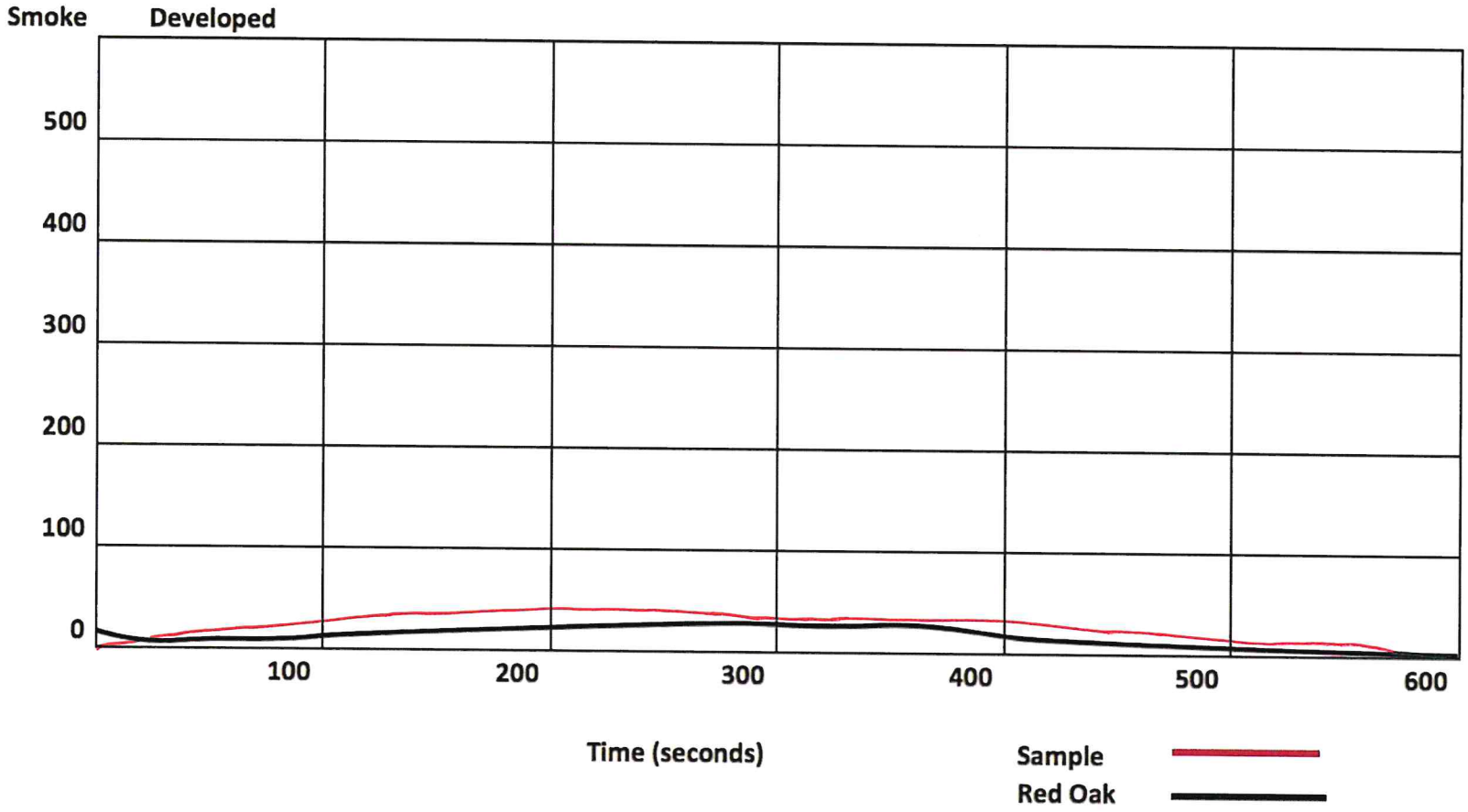

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