



AMERICAN FLAMECOAT INC.

520 Eagleton Downs Drive- D  
Pineville, NC 28134  
O: 704.405.2550  
F: 704.543.9772  
[www.americanflamecoat.com](http://www.americanflamecoat.com)

Client:  
ARTE NV  
INDUSTRIEZONE "DE WAERDE"  
SENATOR A. JEURISSENLAAN 1210  
BE-3520 ZONHOVEN, BELGIUM

**CERTIFICATION REPORT NR.: 108809**

DATE: 02.14.2023

## **1. DESCRIPTION OF THE WALL COVERING:**

TYPE 3: Vinyl wallcoverings with water based Ink

## **2. TEST EXECUTED:**

Flammability in accordance with the procedures outlined in ASTM E-84-21  
and the N.F.P.A. Life safety code 101.

## **3. CONCLUSION:**

Referring to the means of control and the test results, the before mentioned product group can be classified as follows:

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**CLASS A**

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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-84-21)

**Thank you,**

**American Flamecoat Inc.**

Related commercial names to this product group:

| Collection                                            |
|-------------------------------------------------------|
| <b>Alaya:</b> Katan Silk                              |
| <b>Antigua</b>                                        |
| <b>Avalon:</b> Marsh, Gazelle, Shield Weave, Flamingo |
| <b>Curiosa</b>                                        |
| <b>Décors &amp; Panoramiques:</b> Rovine              |
| <b>Expedition:</b> Tasar, Sumatra, Eri                |
| <b>Figura:</b> Puro, Decorata, Modulo, Modum          |
| <b>Focus</b>                                          |
| <b>Gitane:</b> Nongo, Janela, Cuadro, Ondas           |
| <b>Lanai</b>                                          |
| <b>Lino</b>                                           |
| <b>Manila:</b> Botanic, Spiral, Edge, Atlas, Fiore    |
| <b>Merino</b>                                         |
| <b>Monsoon</b>                                        |
| <b>Monsoon 2.0</b>                                    |
| <b>Pampas</b>                                         |
| <b>Sculptura</b>                                      |
| <b>Selva</b>                                          |
| <b>Signature</b>                                      |
| <b>Tali</b>                                           |
| <b>Textura</b>                                        |
| <b>Textura Ignis</b>                                  |



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PO#: ARTE NV  
Test Report No: 108809  
Date: 02.14.2023

The sample submitted by the client as: ARTE NV -  
Type 3 = Vinyl Wallcoverings with Water-Based Ink

(ADHERED)

DATE OF RECEIPT: 02.03.2023

TESTING PERIOD: 9 DAYS

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

SIGNED





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Date: 02.14.2023

### INTRODUCTION:

This report presents test results of Flame Spread and Smoke Developed Value per ASTM E-84-21. 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-84-21, 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 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 ARTE NV - Type 3 = Vinyl Wallcoverings with Water-Based Ink - ADHERED was prepared by adhering the material to 5/8" gypsum board glued using Arte CLEAR-PRO 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 $\pm$  5 Fahrenheit level, the sample was inserted in the tunnel and a test conducted in accordance with the standard ASTM E-84-21 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-84-21 for Flame Spread and Smoke Developed Values are as follows:

Test Specimen: ARTE NV - ARTE NV - Type 3 = Vinyl Wallcoverings with Water-Based Ink

ADHERED

Flame Index = 15  
Smoke Developed Value = 50

**Observation: Tested Fabric Meets the Requirements for ASTM E-84**

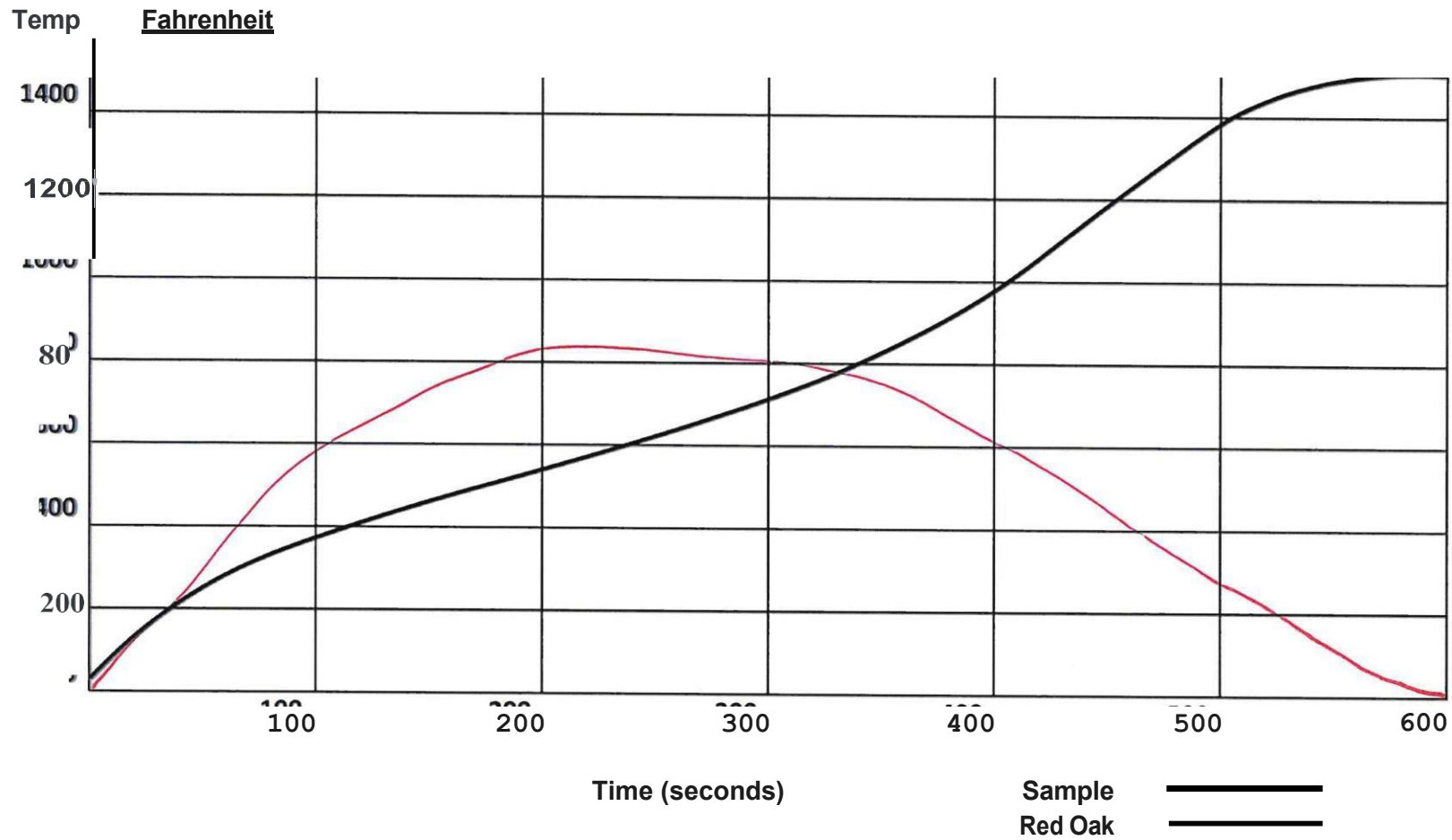
**Conclusion Rating: Class A**

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-84-21)

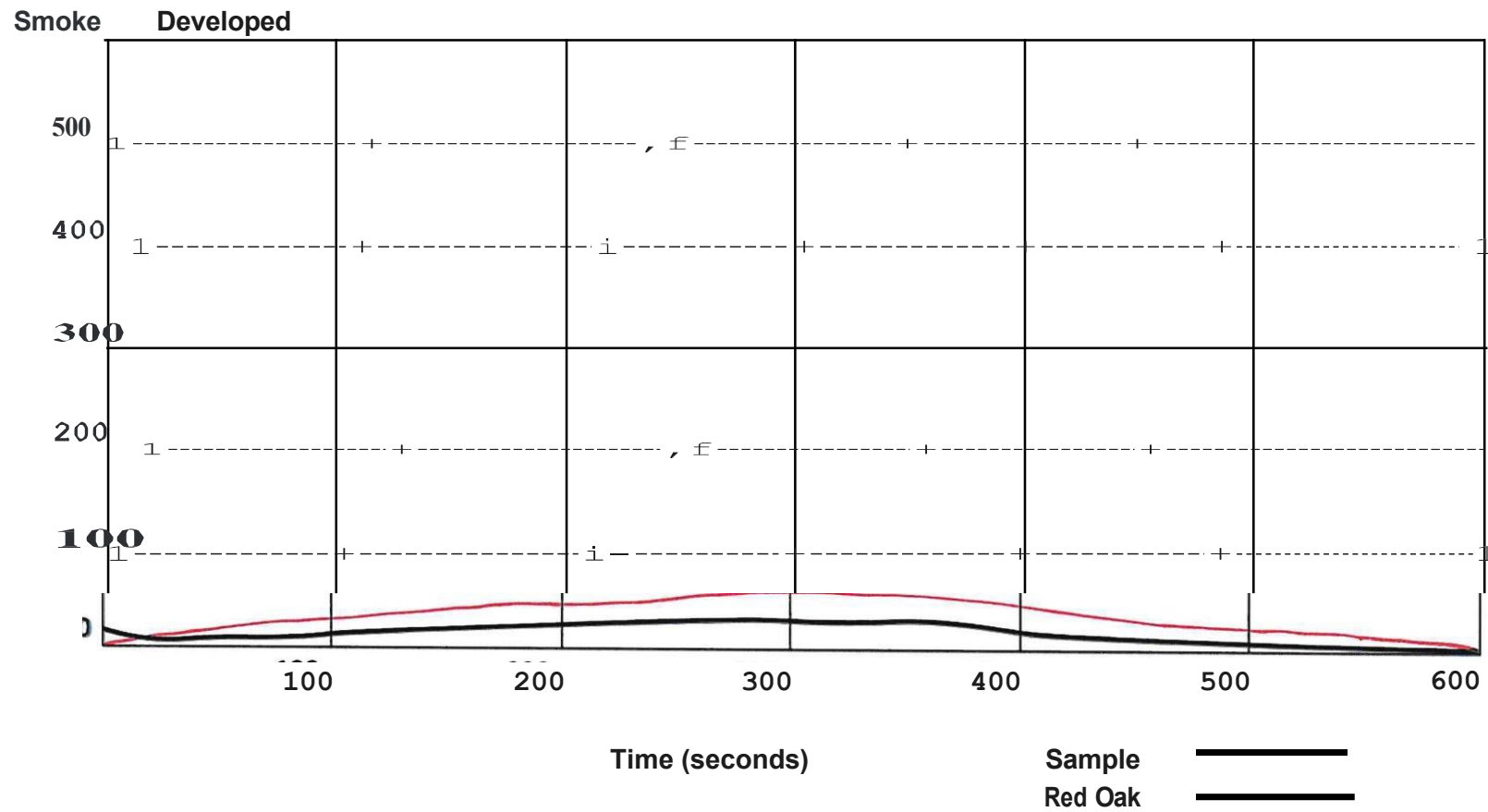
The classifications are as follows:

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

Client: ARTE NV  
Report#: 108809  
Sample: Type 3 = Vinyl Wallcoverings with Water-Based Ink  
(Adhered)



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