



AMERICAN FLAMECOAT INC.

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

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

CERTIFICATION REPORT NR.: 108809

Pineville, 02.14.2023

## 1. DESCRIPTION OF THE WALL COVERING:

TYPE 1: Non-woven substrate with water-based ink and decorative elements

## 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:

**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)

Brad Souffrant  
President – American Flamecoat, Inc.

## Related commercial names to this product group:

<b>Boutique:</b> Gilded Heritage, Glowing Patina, Canyon
<b>Brushed Suede</b>
<b>Cameo</b>
<b>Cantala:</b> Craft, Combo, String
<b>Costura:</b> Tela, Manchas, Bojagi, Gabarit, Botanis
<b>DÉCORS &amp; PANORAMIQUES:</b> Rêverie Tropicale, Terra Tropicana
<b>Emblème:</b> Impasto, Joie, Pyxis
<b>Exotique:</b> Carmona, Cumulus, Scala, Tembo, Meru, Sabal
<b>Figura:</b> Arcus, Forma
<b>Flamant</b>
<b>Flamant Caractère</b>
<b>Flamant Honoré</b>
<b>Flamant Les Mémoires</b>
<b>Flamant les Minéraux</b>
<b>Flamant les Rayures</b>
<b>Flamant les Unis</b>
<b>Flamant Suite I</b>
<b>Flamant Suite II</b>
<b>Flamant Suite III</b>
<b>Flamant Suite V</b>
<b>Flavor Paper</b>
<b>Gentle Groove</b>
<b>Hidden Treasures</b>
<b>Icons:</b> Platinum, Shagreen, Symbiosis, Latus
<b>Icarus:</b> Armalu
<b>Icons:</b> Platinum, Shagreen, Symbiosis, Latus
<b>Insolence:</b> Temper, Shiver, Vanity, Blast, Nerve, Moxie
<b>Jungle Jive</b>
<b>Kami:</b> Origami
<b>Kaolin:</b> Calcaire Stucco, Fragment, Solco
<b>kharga:</b> Gobi, Bayuda
<b>Le Corbusier</b>
<b>Le Corbusier Dots</b>
<b>Les Naturels:</b> Le Sisal, La Prairie, Le Raphia Tissé, Réverie Tropicale
<b>Les Nuances</b>
<b>Les Tapisseries:</b> Floraison, Récolte des Fleurs
<b>Les Thermes:</b> Saturnia, Mosaico, Stucco, Tessera
<b>Les Tricots:</b> Bouclé, Sergé, Cashmere, Tulle
<b>Les Forêts:</b> Tresse
<b>Ligna:</b> Wings, Axedo, Canopy, Hive, Hoves, Roots
<b>L'Invité</b>

<b>Lush:</b> Stellar
<b>Luxor:</b> Delta, Amulet, Gizeh, Horus, Benoe
<b>Manila:</b> Tulle
<b>Metal X</b>
<b>Metal X Patina</b>
<b>Metal X Signum</b>
<b>Modulaire</b>
<b>Monochrome</b>
<b>MOOOI:</b> Calligraphy Bird, Blooming Seadragon, Aristo Quagga, Blushing Sloth, Umbrella Squid
<b>Moooi Green House:</b> Techno Bee
<b>Noctis</b>
<b>Nomadia</b>
<b>Palette</b>
<b>Paleo:</b> Latus, Empire, Civilia, Strata
<b>Platina</b>
<b>Protecno:</b> 1025-1060
<b>Revera:</b> Arc, Geo, Contour, Pulse, Cadance, Patch, Fade
<b>Sketch</b>
<b>Takara:</b> Cobalt, Pyxis
<b>Tangram:</b> Caprice, Bounty, Intarsio, Dome, Splice
<b>Tinted Tiles</b>
<b>Totem:</b> Esparto Ibérico, Rabane, Infinity, Esparto Africano, Le Papier Tissé
<b>Travellers</b>
<b>Vanguard:</b> Plex, Mira, Modernist, Tessella, Traverse
<b>Wildwalk:</b> Grant, Eden, Gallop, Evora, Deluxe, Section
<b>Washed Linen</b>
<b>Zephyr:</b> Nefeli



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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 1 = non-woven substrate with water-based ink and decorative wallcoverings

(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 1 = non-woven substrate with water-based ink and decorative wallcoverings - 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 +/- 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 - Type 1 = non-woven substrate with water-based ink and decorative wallcoverings  
ADHERED

Flame Index = 15

Smoke Developed Value = 60

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

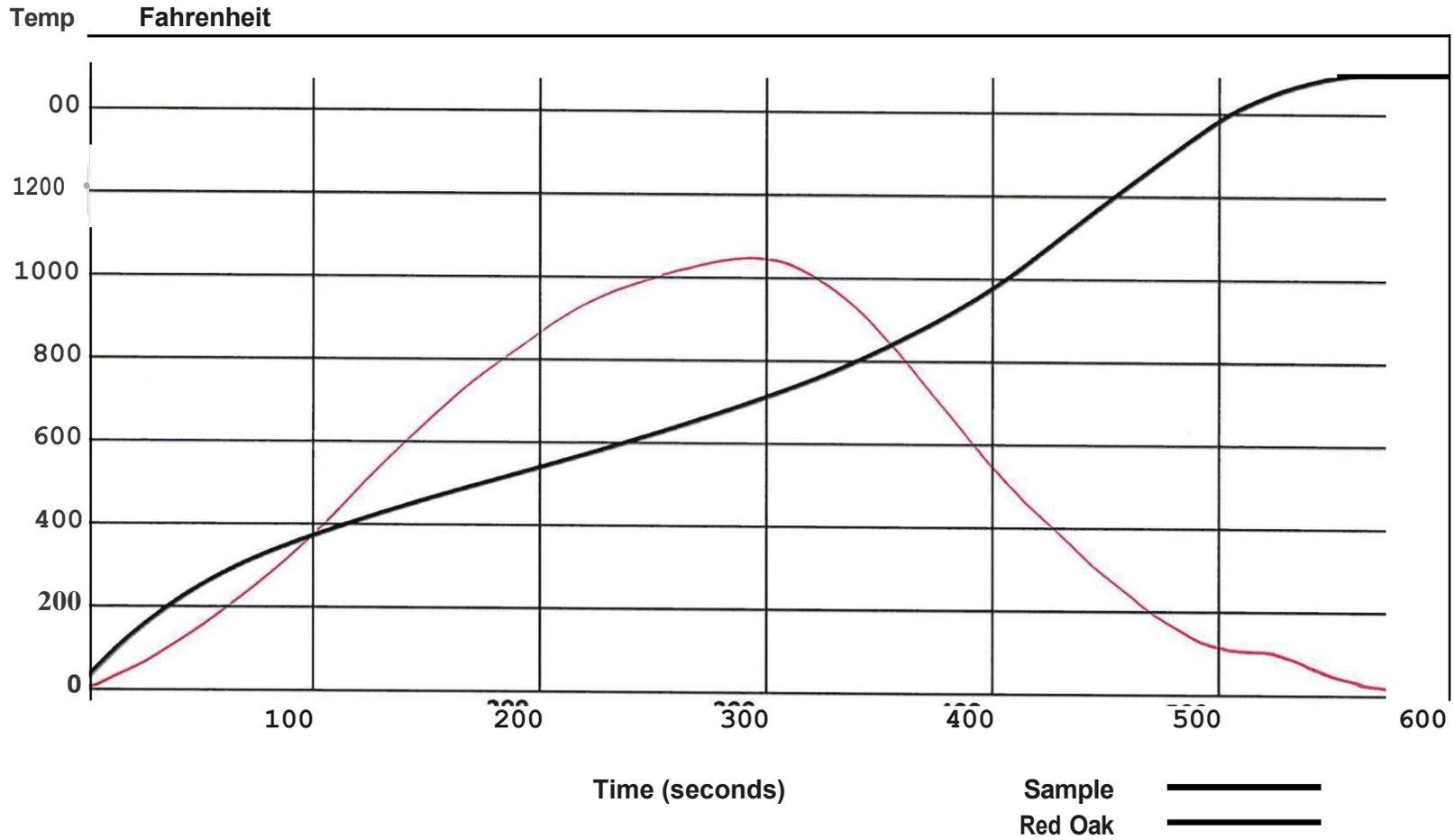
**Conclusion Rating: Class A**

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)

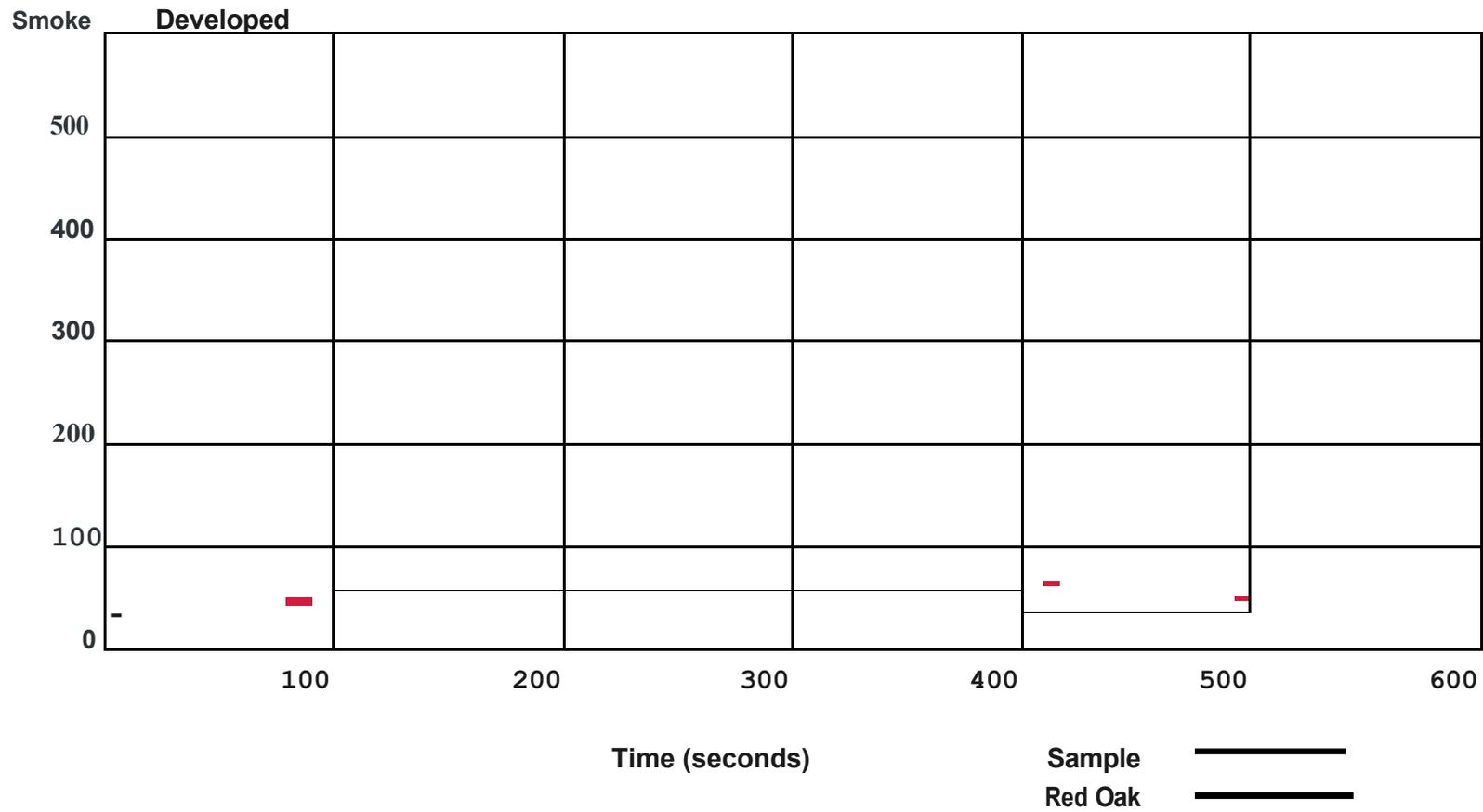
The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread-	0-25
	Smoke Developed-	0-450
Class A Interior Wall & Ceiling Finish:	Flame Spread-	0 5
	Smoke Developed-	0-450

Client: ARTE NV  
Report#: 108809  
Sample: Type 1 = non-woven substrate with water based ink and decorative wallcoverings (Adhered)



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