



AMERICAN FLAMECOAT INC.

520 Eagleton Downs Drive - D
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www.americanflamecoat.com

thesign / AG
NEUSEELAND 32
9404 RORSCHACHERBERG
SWITZERLAND

Pattern: MANGROVE 30748 – TREATED WITH FLAMECOAT
Report No.: 91248-14
Date: March 31, 2020

TEST RESULTS

NATIONAL FIRE PROTECTION ASSOCIATION STD.701-2019 – TEST 1 Small Scale

Specimen	Residues (seconds)	Weight loss (%)
1	0.0	21.43
2	0.0	17.86
3	0.0	19.61
4	0.0	12.33
5	0.0	22.49
6	0.0	18.49
7	0.0	9.07
8	0.0	15.42
9	0.0	13.79
10	0.0	19.64
Average	0.0	17.01

Results: The Above Tested Material **Meets the Requirement**

Requirements:

Average percent weight loss can-not exceed 40% and any individual Specimen can-not exceed mean value plus three standard deviations.

Residue Flame:

Shall not continue to flame after reaching the floor of the tester for more than an average of two seconds per specimen for the sample of 10 specimens.

Sincerely,

Brad Souffrant

MEMBER OF





AMERICAN FLAMECOAT INC.

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March 17, 2020

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Reference: Flammability Test Report: 91180-3

One (1) fabric sample identified as The Sign AG – MANGROVE 30748 treated with Flamecoat was received and tested in accordance with the California Technical Bulletin 117-2013, Section 1, Cover Fabric Test. The results are as follows:

<u>Test Results</u>		
Vertical Char Lengths		
5mm	7mm	5mm

The sample **meets** the requirements of the above standard. There were no ignitions or smoldering after 45 minutes on any of the three (3) specimens tested. In addition, none of the of the three test specimens displayed a char which was equal to or greater than 45mm.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brad Souffrant





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March 31, 2020

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Reference: Laboratory Test Report
Lab Identification No. 91248

One (1) fabric sample, identified as **THE SIGN/AG – MANGROVE 30748 – TREATED WITH FLAMECOAT**, was received and tested in accordance with **BRITISH STANDARDS 5852:2006, "Methods of Test for Assessment of the Ignitability of Upholstered Seating by Smouldering and Flaming Ignition Sources."** Per Section 14 a)1), "The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852:2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use."

The fabric sample submitted was tested to Section 9.3 (Crib Ignition Source 5) **using non-combustible foam**. The sample was tested after being subjected to BS 5852:2006, Annex E Water soaking and drying procedure. The results are as follows:

Ignition Source

Crib 5 #1 **PASS** (No flaming ignition or progressive smouldering ignition)
 #2 **PASS** (No flaming ignition or progressive smouldering ignition)

The fabric sample submitted **meets** the minimum requirements of the above standard when tested to crib ignition source 5 **using non-combustible foam**.

If there are any question, please let us know.



Global FR, Fibercare Stain, Knit-backing, Increase double rubs & Anti-microbial treatment