



AMERICAN FLAMECOAT INC.

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June 29, 2018

thesign / AG  
NEUSEELAND 32  
9404 RORSCHACHERBERG  
SWITZERLAND

Reference: Flammability Test Report: 64854

One (1) fabric sample identified as Article IMPERIAL VELVET (100% CO) treated with Flamecoat was received and tested in accordance with the National Fire Protection Association (N.F.P.A.) 260 "Standard Method for Cigarette Ignition Resistance of Components of Upholstered Furniture (2013 edition)." fabric classification test method. The results are as follows:

Test Results		
Vertical Char Lengths		
13mm	12mm	13mm

The sample **meets** the requirements of the above standards and may be considered a **Class I Cover Fabric**.

There were no ignitions on any of the three (3) specimens tested. In addition, none of the of the three test specimens displayed a vertical 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





## TEST REPORT

**Client:** The Sign AG  
 Neuseeland 32  
 9404 Rorschacherberg  
 Switzerland

**Entry No:** 109217

**Date received:** 09/04/2019

**Client's Description:** Fabric: Imperial Velvet 30652

**Test Required:** Flammability BS 7176 Low Hazard

**Pre-treatment:** None

**Conditioning:** A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

**Date Tests Completed:** 26/04/2019

**Method of Test:** BS EN 1021-1: 2006 – smouldering cigarette  
 BS EN 1021-2: 2006 – match flame equivalent

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	Pass
Match flame equivalent	Flaming continued in excess of the specified two minute period after removal of the butane flame.	Fail

35 kg/m<sup>3</sup> CMHR FoamFOAM1 was used as the filling

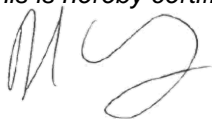
The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

### Comments

BS 7176: 2007 + A1: 2011 relates to labelling of furniture. If an item of furniture was manufactured from a composite of the fabric and foam tested above then it would **fails to comply** with the low hazard category flammability requirements provided that it was tested every 2.500 units or once per month as required by Para 5 of BS 7176.

-----End of Document-----

*This is hereby certified to be a correct return of the tests made of the items referred to herein*



Daniel Young  
 Senior Technologist  
 03 May 2019

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- ❖ Uncertainty budgets for test methods contained within this report are available on request.
- ❖ The results have been obtained for the above test are due to the allowances that have been made based on the uncertainty of the measurement for this test and its associated measurements.

This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.



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