



TEST REPORT

Client: The Sign AG
 Neuseeland 32
 9404 Rorschacherberg
 Switzerland

Entry No: 109220

Date received: 09/04/2019

Client's Description: Fabric: Adagio 30704

Test Required: Flammability BS 7176 Medium 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 ceased within the specified two minute period after removal of the butane flame and no progressive smouldering occurred.	Pass

Note: A 35 kg/m³ CMHR Foam which meets the requirements of Annex A of BS 7176 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.

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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.



1104



Client: The Sign AG

Entry No: 109220

Method of Test: BS 5852 : 2006 Clause 11 (composites)

Pre-treatment: None

Conditioning: A minimum of 96 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 01/05/2019

The following test results relate only to the ignitability of the combination of upholstery composites 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.

Ignition Source	Observations	Result
5 (Wood Crib)	Flaming ceased within the specified ten minute period after ignition of the crib and no progressive smouldering occurred.	Pass

Note: A 35 kg/m³ CMHR Foam which meets the requirements of Annex A of BS 7176 was used as the filling

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 **comply** with the medium 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.

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thesign / AG
NEUSEELAND 32
9404 RORSCHACHERBERG
SWITZERLAND

Pattern: ADAGIO 30704 – TREATED WITH FLAMECOAT
Report No.: 94486
Date: November 4, 2020

TEST RESULTS

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

Specimen	Residues (seconds)	Weight loss (%)
1	0.0	11.22
2	0.0	11.01
3	0.0	12.94
4	0.0	9.87
5	0.0	10.36
6	0.0	10.81
7	0.0	11.01
8	0.0	12.28
9	0.0	12.67
10	0.0	10.24
Average	0.0	11.24

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
President





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November 5, 2020

thesign / AG
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9404 RORSCHACHERBERG
SWITZERLAND

Reference: Flammability Test Report: 94486

One (1) fabric sample identified as thesign/AG – ADAGIO 30704 - 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		
4mm	5mm	5mm

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
President

