

# TECHNICAL REPORT



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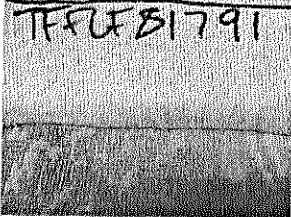
ADO UK Ltd  
15 Design Centre  
Chelsea Harbour  
London

Our Ref: TFFLF 81791  
Date: 24 August 2018  
Delivery Date: 06 August 2018  
Test Dates: 09 - 16 August 2018

For the attention of Joann Norton

## SAMPLE(S) FOR TEST:

One, Composite – Ref: Morano



*Note: The above descriptions are as supplied by the client and have not been verified by FIRA who can take no responsibility for the accuracy of the description.*

## TEST REQUIREMENTS:

BS 5852: 2006, Clause 11 Ignition Source 5

## RESULT:

Pass - P 5

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# TECHNICAL REPORT

## DESCRIPTION

Enquiry No. TFFLF81791  
Item: One, Composite Sample Ref: Ref Morano  
Supplied by: ADO UK Ltd

The following test results 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.

## IGNITABILITY TEST ACCORDING TO BS 5852: 2006- METHODS OF TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES

**Initial Inspection:** Condition as new.

**Conditioning:** ≥3 days at indoor ambient conditions and ≥24 hours at 23±2°C & 50±5%rh.

**Test Conditions:** The test was performed with the stipulated conditions 10°-30°C and 15%-80% relative humidity.

**Filling Material:** A combustion modified high resilience foam 35kg/m<sup>3</sup> Ref: CMHR35.

**Test Method:** The test was performed using the specified rig (section 7.2 of the above standard). Using supplied cover and foam components to form a composite that is intended to be representative to the upper 75mm of the upholstered furniture when in final use. The test was conducted using Ignition Source 5.

## RESULTS

Source No.	Application No.	Flaming of Assembly	Smoke/ Smoulder	Ignition/ Non-ignition
5	1	4min 56sec	9min 48sec	PASS N/I
	2	5min 47sec	10min 33sec	PASS N/I

## COMMENTS

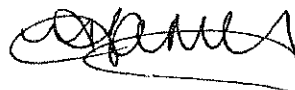
CLAUSE	SMOULDERING FAIL CRITERIA	App 1.	App 2.
4.1.1a	Unsafe escalating smouldering	NO - PASS N/I	NO - PASS N/I
4.1.1c	Smoulders to extremities - reaches either side/ through thickness or essentially consumes test specimen	NO - PASS N/I	NO - PASS N/I
4.1.1e	Smouldering continued for >60mins from application of ignition source	NO - PASS N/I	NO - PASS N/I
4.1.1f	Evidence of charring within the filling >100mm in a horizontal direction from original position of ignition source	NO - PASS N/I	NO - PASS N/I
CLAUSE	FLAMING FAIL CRITERIA	App 1.	App 2.
4.2.1a	Unsafe escalating combustion	NO - PASS N/I	NO - PASS N/I
4.2.1b	Test specimen consumed during duration of the test	NO - PASS N/I	NO - PASS N/I
4.2.1b	Flames reach the extremities or penetrate the full thickness of the sample	NO - PASS N/I	NO - PASS N/I
4.2.1e	Flames >10min from application of ignition source	NO - PASS N/I	NO - PASS N/I

## CONCLUSION

This sample ref: Morano passes the requirements of BS 5852: 2006 Clause 11, Ignition Source 5.

Tested by: Barry Worrell  
Reported by: Luis Mitchell

Approved by: Howard James  
Operations Manager - Testing



\*\*\*\*\* End of Report \*\*\*\*\*

