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Safehinge Limited

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Our Ref: **TFFLF80666A***

Date: 02 July 2018

Delivery Date: 11 June 2018

Test Dates: 13 – 28 June 2018

For the attention of Shaun Ridley

SAMPLE(S) FOR TEST:

One, Door– Ref: Safehinge Ensuite Dorset



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 EN 597-1: 1995* (smouldering cigarette test) – top surface
BS EN 597-2: 1995* (match flame equivalent test) – top surface

RESULT:

Pass P0 (Indicative)
Pass P1 (Indicative)

**BS EN 597-1 & 2: 1995 have been withdrawn and replaced with BS EN 597-1 & 2: 2015.
This sample has been tested BS EN 597-1 & 2: 1995 as it is a requirement to fully meet BS 7177: 2008 + A1: 2011*

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TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF80666A*
Item: One, Door – Ref: Safehinge Ensuite Dorset
Supplied by: **Safehinge Limited**

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.

INDICATIVE TEST BASED ON BS EN 597-1: 1995 - FURNITURE ASSESSMENT OF THE IGNITABILITY OF MATTRESSES AND UPHOLSTERED BED BASES (Withdrawn)

NB: Indicative test only as the sample is an upholstered door and not a mattress but tested as a mattress upon customers request

Initial Inspection: Condition as new.

Conditioning: ≥16 hours at 23±2°C and 50 ± 5% rh.

Test Conditions: The test was conducted within the specified conditions of 10-30°C & 15-80% rh.

RESULTS

Area Tested	SMOULDER TIME OF CIGARETTE						
	Source No.	Top/Surface App 1.	Top/Surface App 2.	Result-Ignition/ Non-ignition	Underside App 1.	Underside App 2.	Result-Ignition/ Non-ignition
Flat Surface	0	21min 54sec	20min 18sec	PASS (N/I)	N/A	N/A	N/A

COMMENTS

CLAUSE	SMOULDERING CRITERIA	TOP/ SURFACE	UNDERSIDE
3.1a	Unsafe escalating combustion	NO - PASS (N/I)	N/A
3.1b	Test assembly consumed	NO - PASS (N/I)	N/A
3.1c	Smoulders through thickness	NO - PASS (N/I)	N/A
3.1d	Smoulders for more than 60minutes	NO - PASS (N/I)	N/A
3.1e	Smoulder/ damage >50mm from source	NO - PASS (N/I)	N/A
CLAUSE	FLAMING CRITERIA	TOP/ SURFACE	UNDERSIDE
3.2	Flames occur though excessive smouldering	NO - PASS (N/I)	N/A

CONCLUSION

The sample reference Safehinge Ensuite Dorset passes this indicative test based on the requirements of BS EN 597-1: 1995.

**BS EN 597-1 & 2: 1995 have been withdrawn and replaced with BS EN 597-1 & 2: 2015.*

This sample has been tested BS EN 597-1 & 2: 1995 as it is a requirement to fully meet BS 7177: 2008 + A1: 2011



TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF80666A*
Item: One, Door – Ref: Safehinge Ensuite Dorset
Supplied by: **Safehinge Limited**

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.

INDICATIVE TEST BASED ON BS EN 597-2: 1995 - FURNITURE ASSESSMENT OF THE IGNITABILITY OF MATTRESSES AND UPHOLSTERED BED BASES (withdrawn)

NB: Indicative test only as the sample is an upholstered door and not a mattress but tested as a mattress upon customers request

Initial Inspection: Condition as new.

Conditioning: ≥16 hours at 23±2°C and 50 ± 5% rh.

Test Conditions: The test was conducted within the specified conditions of 10-30°C & 15-80% rh.

RESULTS

Area Tested	FLAMING TIME FOLLOWING REMOVAL OF SOURCE							
	Source No	App. Time	Top/Surface App 1.	Top/Surface App 2.	Result - Ignition/ Non-Ignition	Underside App 1.	Underside App 2.	Result - Ignition/ Non-Ignition
Flat Surface	1	15sec	0min 00sec	0min 00sec	PASS (N/I)	N/A	N/A	N/A

COMMENTS

CLAUSE	SMOULDERING CRITERIA	TOP/ SURFACE	UNDERSIDE
3.1a	Unsafe escalating smouldering	NO - PASS (N/I)	N/A
3.1b	Test assembly consumed	NO - PASS (N/I)	N/A
3.1c	Smoulders through thickness	NO - PASS (N/I)	N/A
3.1d	Smoulders for more than 60minutes	NO - PASS (N/I)	N/A
3.1e	Smoulder/ damage >50mm from source	NO - PASS (N/I)	N/A
CLAUSE	FLAMING CRITERIA	TOP/ SURFACE	UNDERSIDE
3.2a	Unsafe escalating combustion	NO - PASS (N/I)	N/A
3.2b	Test assembly consumed	NO - PASS (N/I)	N/A
3.2c	Smoulders through thickness to the extremities	NO - PASS (N/I)	N/A
3.2d	Flaming longer than 120seconds	NO - PASS (N/I)	N/A

CONCLUSION

The sample reference Safehinge Ensuite Dorset passes this indicative test based on the requirements of BS EN 597-2: 1995.

**BS EN 597-1 & 2: 1995 have been withdrawn and replaced with BS EN 597-1 & 2: 2015.
This sample has been tested BS EN 597-1 & 2: 1995 as it is a requirement to fully meet BS 7177: 2008 + A1: 2011*

Tested by: Barry Worrell
Reported by: Annabel Piper
Approved by: Stephen Cotton
Technical Specialist - Flammability

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

