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Our Ref: **FL-116287-S1**

Date: 17 April 2026

Delivery Date: 10 April 2026

Test Dates: 10 - 16 April 2026

For the attention of

**SAMPLE(S) FOR TEST:**

One, layered fibre – Ref: High Loft Wadding 20% Biko 80% PES

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

**TEST REQUIREMENTS:**

Schedule 2 Part I (based on BS 5852: 1982 Part 2)

**RESULT:**

Pass - P2

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FL-116287-S1  
Page 1 of 3

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# TECHNICAL REPORT

## DESCRIPTION

Enquiry No. FL-116287-S1

Item: One, layered fibre – Ref: High Loft Wadding 20% Biko 80% PES

Supplied by:

*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.*

## **FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 2 PART I FOR NON FOAM FILLINGS (BASED ON BS 5852: 1982 PART 2).**

**Initial Inspection:** Condition as new.

**Conditioning:** ≥3 days at indoor ambient conditions and ≥16 hours at 20±5°C & 50±20% rh.

**Test Procedure:** Test rig - as specified in 6.1.1 of BS 5852-2: 1982 shall be built up with the filling and covered with a FR polyester material as specified in paragraph 2 of Schedule 2 Part I of the above regulations (where the filling is loose the rig shall be lined with specified FR polyester).

**Test Conditions:** The test was conducted within the specified conditions of 15-30°C & 20-70% rh.

## RESULTS

Ignition Source.	Application No.	Application Time	Flaming Time Following Removal of Source	Smoke/ Smoulder	Result - Ignition/ Non-Ignition
2	1	40sec	00min 00sec	00min 12sec	PASS N/I
	2	40sec	00min 00sec	00min 13sec	PASS N/I

## COMMENTS

CLAUSE	SMOULDERING CRITERIA	App. 1	App. 2
4.1a	Smoke/ smoulder >30min after removal of ignition source	NO - PASS N/I	NO - PASS N/I
4.1c	Unsafe escalating smouldering	NO - PASS N/I	NO - PASS N/I
4.1d	Smouldering consumes assembly	NO - PASS N/I	NO - PASS N/I
CLAUSE	FLAMING CRITERIA	App. 1	App. 2
4.2a	Flaming >120 seconds following removal of ignition source	NO - PASS N/I	NO - PASS N/I
4.2d	Unsafe escalating combustion	NO - PASS N/I	NO - PASS N/I
4.2e	Test assembly consumed	NO - PASS N/I	NO - PASS N/I

Sufficient layered fibre was used to recreate the depth required in the furniture as intended which in this instance was 2 layers.

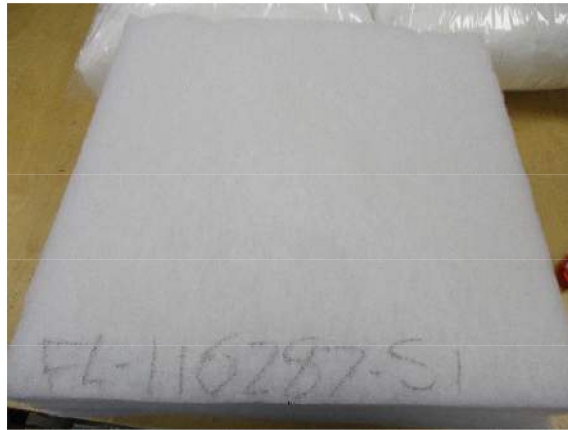
## CONCLUSION

On the basis of the test carried out on this layered fibre , High Loft Wadding 20% Biko 80% PES passes the flammability performance requirements of the test specified in Schedule 2 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989, 1993 and 2010.

Approved by: Luis Mitchell  
Senior Technician - Flammability



# TECHNICAL REPORT



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