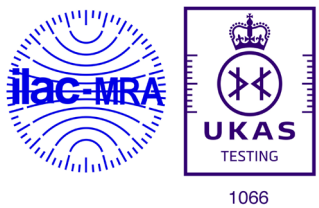


Confidential Report

Our Ref: 23/64438A1/01/26



Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 06 February 2026

Our Ref: 23/64438A1/01/26
Your Ref: ---

Client: **Kvadrat A/S**

Lundbergsvej 10
8400 Ebeltoft
Denmark

Job Title: Fire Test on One Fabric Sample

Clients Order Ref: --

Date of Receipt: 22 January 2026

Date Test Started: 02 February 2026

Description of Sample: One sample of fabric, which was referenced by the client as;

Hafnon, 100% mohair (cotton base)

Work Requested: We were asked to make the following fire test:

BS 7176: 2007 + A1:2011 (Low Hazard)

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited

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This report relates only to the items tested.
All tests were carried out in the laboratories in Leeds, unless otherwise indicated.

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Client: **Kvadrat A/S**

Specification BS 7176: 2007 + A1:2011 Resistance to Ignition of Upholstered Furniture for non-domestic seating by testing composites using BS EN 1021:2006 Furniture – Assessment of the ignitability of upholstered furniture Parts 1 and 2 (Low Hazard).

Pre-Treatment

The material received no pre-treatment as the fabric is stated not to be FR treated.

Conditioning

The materials for testing to Sources 0 and 1 were conditioned for a minimum of 24 hours and tested in the environments specified in Clause 7 of BS EN 1021-1 & 2:2006.

Foam Used

The sample was tested over non-fire retardant polyurethane foam with a density of approximately 20-22kg/m^3.

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Client: **Kvadrat A/S**

Testing to BS EN 1021-1:2006 – Source 0 – Cigarette

The sample was tested in accordance with BS EN 1021-1:2006.

The test results relate only to the ignitability of the combustion of upholstery composites under the particular conditions of test stated, they are not intended as a means of assessing he full potential fire hazard of the materials of products in use.

Results

	Specimen No.		
Smouldering criteria	**1**	**2**	**3[1]**
Unsafe escalating combustion	No	No	---
Testing assembly consumed	No	No	---
Smoulders to extremities/full thickness	No	No	---
Smoulders more than 1 hour	No	No	---
In final examination, presence of progressive smouldering	No	No	---

Flaming criteria	**1**	**2**	**3[1]**
Occurrence of flames	No	No	---
Specimen Result Ignition (I) / Non Ignition (NI)	**NI**	**NI**	**---**

Any “Yes” in smouldering or flaming criteria means Ignition

Cigarette Test Result **PASS**

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Date: 06 February 2026

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Your Ref: ---

Client: **Kvadrat A/S**

BS EN 1021-2: 2006 – Source 1 – Butane Flame (Match)

The sample was tested in accordance with BS EN 1021-2:2006.

The test results relate only to the ignitability of the combustion of upholstery composites under the particular conditions of test stated, they are not intended as a means of assessing he full potential fire hazard of the materials of products in use.

Results

	Specimen No.		
Smouldering criteria	**1**	**2**	**3**
Unsafe escalating combustion	No	No	No
Testing assembly consumed	No	No	No
Smoulders to extremities/full thickness	No	No	No
Smoulders more than 1 hour	No	No	No
In final examination, presence of progressive smouldering	No	No	No

Flaming criteria	**1**	**2**	**3**
Unsafe escalating combustion	No	No	No
Testing assembly consumed	No	No	No
Flames to extremities/full thickness	No	No	No
Flames longer than 120 seconds	No	No	No
Specimen Result Ignition (I) / Non Ignition (NI)	**NI**	**NI**	**NI**

Any “Yes” in smouldering or flaming criteria means Ignition

Match Test Result **PASS**

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Client: **Kvadrat A/S**

Conclusion

The combination of materials meets BS 7176:2007+A1:2011 for Low Hazard.

See BS 7176: 2007 + A1: 2011 Clause 6 for labelling and identification requirements. The test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test stated (BS EN 1021-1: 2006, BS EN 1021-2: 2006 and BS 5852: 2006 respectively); they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (https://www.bttg.co.uk/about-us/decision-rules-policy/) for further information.

Uncertainty Budget

Measurements: ±2mm
Timings: ±2 seconds.

Reported by:..... R Walls, Laboratory Technician

Countersigned by:..... B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.

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