



# Confidential Report

**Our Ref: 27/06280/10/23**





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Date: 6 November 2023

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**Client:**

**Pugi RG srl**

Via Garibaldi, 33B  
51037 Montale Pistoia (PT)  
Italy

**Job Title:**

Fire Classification of One Sample of Fabric

**Clients Order Ref:**

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**Date of Receipt:**

13 October 2023

**Description of Sample:**

One sample of fabric, referenced; Fenice. Mix Wool Cloth.

**Work Requested:**

We were asked to make the following test(s):

BS EN 13501-1

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



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Note: This report relates only to the items tested.

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## FIRE TESTS ACCORDING TO BS EN ISO 11925-2:2020

**Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame – Part 2 Single-flame source test.**

Date of Test: 03/11/2023

### Conditioning

Test specimens and filter paper conditioned as described in BS EN 13238:2010.

### Procedure

The sample was tested in accordance with BS EN ISO 11925-2. The sponsor sampled the material and the specimens were cut to the dimensions stated.

Three length and three width specimens were prepared in accordance with the above standard. Specified filter paper was placed beneath the specimen holder and replaced between tests.

The specimens were mounted vertically in the specimen holder so that one end and both sides were enclosed with the exposed end 30mm from the end of the frame. The burner was inclined at an angle of 45°.

The flame height was set at 20 mm with the flame impinging on the specimen for 30 seconds on the centre line, 40 mm above the bottom edge.

A marker was placed 150 mm above the upper end of the burner and the time recorded when the flame tip reached the marker, if applicable. The following parameters were also recorded:-

1. If ignition occurs
2. Presence of flaming debris, if applicable
3. Ignition of the filter paper, if applicable



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## Results

The test results relate to the behaviour of the test specimens of a material under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Specimen	Ignition (Yes or No)	Tip of flame reaches 150mm		Flaming droplets		
		Yes or No	Time taken (s)	Yes or No	Ignition of Filter paper (Yes or No)	
Machine Direction	1	Yes	No	N/A	No	No
	2	Yes	No	N/A	No	No
	3	Yes	No	N/A	No	No
Across Machine Direction	1	Yes	No	N/A	No	No
	2	Yes	No	N/A	No	No
	3	Yes	No	N/A	No	No

## Note

Sample was tested as an essentially flat product, the specimens were tested adhered onto a 12mm calcium silicate board as defined in BS EN 13238:2010, using PVA adhesive. A surface exposure was carried out only.





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## Note

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criteria for assessing the potential fire hazard of the product in use.

Test BS EN 13823:2020+A1:2022 is accredited under our flexible scope policy.

## Comment

The results meet the requirements of a Class B, s1, d0, as specified in BS EN 13501-1:2018.

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.

Reported by:  ..... G Harvey (Mr), Laboratory Technician

Countersigned by:  ..... A Shute, Section Leader

Enquiries concerning this report should be addressed to Customer Services.



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