

**TEST REPORT NO: 184319**

Date: 06 January 2023

**PUGI RG SRL  
VIA GARIBALDI 33/B  
51037 MONTALE PISTOIA  
ITALY**

The following sample(s) was/were submitted and identified by/on behalf of the client as:

|                                    |                                 |
|------------------------------------|---------------------------------|
| Retailer                           | Not Specified                   |
| Description of article             | FABRIC - ARTICLE NAME 'HABITAT' |
| Retailer style number              | BLUE                            |
| Retailer Standard Number           | UNKNOWN                         |
| Order No./ Buyer                   | LORENZO PUGI                    |
| Quality/Fibre Composition          | 100% RECYCLED                   |
| Date Sample Received/Test Started: | 15 December 2022                |

| Tests                          | Pass | Fail | Remarks |
|--------------------------------|------|------|---------|
| BS EN 1021-1 Ignition Source 0 | X    |      |         |
| BS EN 1021-2 Ignition Source 1 | X    |      |         |
| BS 5852 Crib 5                 | X    |      |         |

(please note our uncertainty of measurement has been taken into account when the above results were pass/failed)  
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature



**Lucy Peberdy Technologist**

For and on behalf of  
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

**Customer:** PUGI RG SRL

**Test Report No:** 184319

## Test Results

### BS EN 1021-1 & 2:2014

#### Assessment of the ignitability of upholstered furniture

#### Part 1 – Ignition source smouldering cigarette / Part 2 – Ignition source match flame

**Description of Test Sample:** Blue fabric Habitat

#### Test Requested

The test specimen has been tested to BS EN 1021 – 1 & 2: 2014 Smouldering cigarette and match flame.

#### Pre – Treatment

The test specimen was subject to a water soak as outlined in Annex D with a temperature of  $40 \pm 1$  °C.

#### Conditioning

All materials to be tested and the cigarettes have been conditioned for at least 24 hours immediately before the tests in an atmosphere  $23 \pm 2$ °C and  $50 \pm 5\%$  r.h.

#### Comments on Test Results

The test specimen meets the requirements of BS EN 1021-1 & 2: 2014 where the result for both tests has been stated as non-ignition.

#### Uncertainty of measurement:

|                         |                    |
|-------------------------|--------------------|
| Source 0                |                    |
| Progressive Smouldering | +0 secs / -60 secs |
| Source 1                |                    |
| Smouldering             | +0 secs / -60 secs |
| Flaming                 | +0 secs / -2 secs  |

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law." Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

Customer: PUGI RG SRL

Test Report No: 184319

## Test Results

### Test Results

*'The test results relate only to the ignitability of the combination of materials under particular conditions of test; they are not intended as a means of assessing the full fire hazard of the materials in use.'*

### Ignition source Smouldering Cigarette

|  | Criteria of ignition | Cigarette 1<br>Criteria Observed | Cigarette 2<br>Criteria Observed |
|--|----------------------|----------------------------------|----------------------------------|
| Progressive<br>smouldering<br>ignition | Clause 3.1a          | No                               | No                               |
|  | Clause 3.1b          | No                               | No                               |
|  | Clause 3.1c          | No                               | No                               |
|  | Clause 3.1d          | No                               | No                               |
|  | Clause 3.1e          | No                               | No                               |
| Flaming<br>Ignition                    | Occurrence of flames | No                               | No                               |
|  | Ignition occurring   | Non – Ignition                   | Non – Ignition                   |

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

Customer: PUGI RG SRL

Test Report No: 184319

## Test Results

### Ignition source Match Flame

|   | Criteria of Ignition      | Match Flame 1<br>Criteria Observed | Match Flame 2<br>Criteria Observed |
|---|---------------------------|------------------------------------|------------------------------------|
| <b>Progressive<br/>smouldering<br/>ignition</b> | Clause 3.1a               | No                                 | No                                 |
|   | Clause 3.1b               | No                                 | No                                 |
|   | Clause 3.1c               | No                                 | No                                 |
|   | Clause 3.1d               | No                                 | No                                 |
|   | Clause 3.1e               | No                                 | No                                 |
| <b>Flaming<br/>ignition</b>                     | Clause 3.2a               | No                                 | No                                 |
|   | Clause 3.2b               | No                                 | No                                 |
|   | Clause 3.2c               | No                                 | No                                 |
|   | Clause 3.2d               | No                                 | No                                 |
|   | <b>Ignition occurring</b> | Non – Ignition                     | Non – Ignition                     |

### Test Report Number:

The test specimen was tested over Combustion modified foam (CMHR) with a density of 35kg/m<sup>3</sup>.

### Smouldering criteria of Ignition

Clause 3.1a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue

Clause 3.1b – Test assembly that smoulders until it is largely consumed

Clause 3.1c – Test assembly that smoulders to the extremities within the test duration

Clause 3.1d – Test assembly that smoulders after one hour from application of the ignition source

Clause 3.1e – Test assembly on final examination shows evidence of progressive smouldering

### Flaming Ignition

Clause 3.2a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue

Clause 3.2b – Test assembly burns until it is essentially consumed

Clause 3.2c – Flame reaches the lower margin, either side or passed through the full thickness

Clause 3.2d – Flaming continues for more than 120 seconds after removal of burner tube

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law." Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

Customer: PUGI RG SRL

Test Report No: 184319

## Test Results

### BS 5852: 2006

#### Clause 11 using Ignition Source 5

#### Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources

Description of Test Sample: Blue fabric Habitat

#### Test Request

The sample supplied has been tested against the test method BS 5852: 2006 Clause 11 using ignition source 5.

#### Pre - Treatment

The test specimen was subject to a water soak procedure as outlined in BS 5852, Annex E and then line dried.

#### Conditioning

The materials and cribs were conditioned for at least 72 hours in an indoor ambient temperature and then immediately before the test 24 hours in an atmosphere of  $23 \pm 2^\circ\text{C}$  and  $50 \pm 5\%$  r.h.

#### Comments on Test Results

The sample supplied meets the requirements of BS 5852: 2006 Clause 11, using ignition source 5.

#### Test Results

"The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852:2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use"

#### Uncertainty of Measurement

Smouldering: +0/-60secs

Flaming: +0/-10secs

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law." Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

Customer: PUGI RG SRL

Test Report No: 184319

### Test Results

|   | Criteria of Ignition | Test 1<br>Criteria Observed | Test 2<br>Criteria Observed |
|---|----------------------|-----------------------------|-----------------------------|
| <b>Progressive<br/>smouldering<br/>ignition</b> | Clause 4.1.1 a       | No                          | No                          |
|   | Clause 4.1.1 c       | No                          | No                          |
|   | Clause 4.1.1 e       | No                          | No                          |
|   | Clause 4.1.1 f       | No                          | No                          |
| <b>Flaming Ignition</b>                         | Clause 4.2.1 a       | No                          | No                          |
|   | Clause 4.2.1 b       | No                          | No                          |
|   | Clause 4.2.1 c       | No                          | No                          |
|   | Clause 4.2.1 e       | No                          | No                          |
|   | Clause 4.2.1 g       | No                          | No                          |
| <b>Ignition occurring</b>                       |                      | Non – Ignition              | Non – Ignition              |

The test specimen was tested over Combustion modified foam (CMHR) with a density of 35kg/m<sup>3</sup>.

#### Criteria of ignition

##### Smouldering Ignition

- Clause 4.1.1 (a) Test specimen displays escalating smouldering combustion behaviour so that it is unsafe to continue and requires forcible extinction.
- Clause 4.1.1 (c) Test specimen smoulders until it is essentially consumed or smoulders to the extremities.
- Clause 4.1.1 (e) Test specimen produces externally detectable amounts of smoke, heat or glowing 60 min after ignition of the crib.
- Clause 4.1.1 (f) Test specimen shows evidence of charring within the filling more than 100 mm in any direction apart from upwards.

##### Flaming Ignition

- Clause 4.2.1 (a) Test specimen displays escalating flaming combustion behaviour and requires forcible extinction.
- Clause 4.2.1 (b) Test specimen that burns until it is essentially consumed within the test duration.
- Clause 4.2.1 (c) Test specimen on which any flame front reaches the extremities of the test specimen other than the top of the vertical part, or passes through the full thickness of the specimen within the test duration.
- Clause 4.2.1 (e) Test specimen continues to flame for more than 10 minutes.
- Clause 4.2.1 (g) Test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer than 10 minutes.

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only

**Customer:**

**PUGI RG SRL**

**Test Report No:**

**184319**



End of Report

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only