

TEST REPORT

183944 / 1

Date received: 07/10/14  
Date of test: 16/10/14  
Date of issue: 16/10/14

ALFATEX ITALIA S.R.L.  
VIA LIGURIA, ZONA PIP  
70029 SANTERAMO IN COLLE (BA)  
ITALIA

Sample name: Upholstered furniture covered with coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B"

**Smouldering cigarette test IMO 2010 FTP CODE**

The test has been carried out in accordance with paragraph 7.2 of IMO - 2010 FTP Code - Part 8 "Test for upholstered furniture".

Type of the furniture: upholstered furniture.

**Description of tested materials as declared by the client**

Outer cover:

- material: coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B" produced by ALFATEX ITALIA S.r.l. Company;
- composition: 77 % PVC - 12 % PES - 10 % COT - 1 % PU;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 1,2 mm;
- mass per unit area: 780 g/m<sup>2</sup>;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.

Filling:

- material: polyurethane foam PPE.21 produced by VEFER S.p.A. Company;
- density: 21 kg/m<sup>3</sup>;
- fire-retardant treatment: none.

**Description of the sample (data collected measured by the Laboratory)**

- Dimensions of the cover: 800 ± 10 mm x 650 ± 10 mm;
- Mass per unit area of the cover: 748 g/m<sup>2</sup>;
- Colour of the cover: beige;
- Orientation of the cover: the warp is parallel to the long side of the sample;
- Dimensions of the filling material: seat 450 ± 5 mm x 150 ± 5 mm x 75 ± 2 mm, back 450 ± 5 mm x 300 ± 5 mm x 75 ± 2 mm;
- Density of the filling material: 21 kg/m<sup>3</sup>.

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

Managing Director  
*Dr. Andrea Giavon*

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

**TEST REPORT****183944 / 1**

Date of issue:

16/10/14

Sample name:

Upholstered furniture covered with coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B"

**Deviations from the test method:** none.**Conditioning and sampling procedure**

- Conditioning: for at least 88 h in an atmosphere having a temperature of  $23 \pm 2$  °C and a relative humidity of  $50 \pm 5$  %.
- Type of cleaning: none as requested by the client.
- Weathering procedures: none as requested by the client.
- Type of the detergent used: none.

Sampling procedure: performed by the client.

|  |          | Cigarette n° 1      | Cigarette n° 2      |
|--|----------|---------------------|---------------------|
| Cigarette dimensions   | length   | 70 mm               | 70 mm               |
|  | diameter | 7,75 mm             | 7,76 mm             |
| Mass   |          | 0,94 g              | 0,92 g              |
| Smouldering rate of the cigarette                                  |          | 10 min 08 s / 50 mm | 10 min 08 s / 50 mm |
| Extent of damage of specimen measured from the ignition source     |          | 3 mm                | 3 mm                |
| Occurrence of progressive smouldering or flaming (paragraph 3.1.2) |          | no                  | no                  |
| Final examination (paragraph 7.4)                                  |          | Pass                | Pass                |

The uncertainties of measurement of input quantities, extended to a 95 % level of confidence (coverage factor  $k=2$ ), are  $\pm 0,2$  seconds and  $\pm 0,4$  mm.

Observations: the cigarettes fails to smoulder its complete length.

The sample meets the performance criteria set out in paragraph 3 of Part 8 "Test for upholstered furniture".

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

TEST REPORT

183944 / 2

Date received: 07/10/14  
Date of test: 16/10/14  
Date of issue: 16/10/14

ALFATEX ITALIA S.R.L.  
VIA LIGURIA, ZONA PIP  
70029 SANTERAMO IN COLLE (BA)  
ITALIA

Sample name: Upholstered furniture covered with coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B"

**Propane flame test IMO 2010 FTP CODE**

The test has been carried out in accordance with paragraph 7.3 of IMO - 2010 FTP Code - Part 8 "Test for upholstered furniture".

Type of the furniture: upholstered furniture.

**Description of tested materials as declared by the client**

Outer cover:

- material: coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B" produced by ALFATEX ITALIA S.r.l. Company;
- composition: 77 % PVC - 12 % PES - 10 % COT - 1 % PU;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 1,2 mm;
- mass per unit area: 780 g/m<sup>2</sup>;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.

Filling:

- material: polyurethane foam PPE.21 produced by VEFER S.p.A. Company;
- density: 21 kg/m<sup>3</sup>;
- fire-retardant treatment: none.

**Description of the sample (data collected measured by the Laboratory)**

- Dimensions of the cover: 800 ± 10 mm x 650 ± 10 mm;
- Mass per unit area of the cover: 748 g/m<sup>2</sup>;
- Colour of the cover: beige;
- Orientation of the cover: the warp is parallel to the long side of the sample;
- Dimensions of the filling material: seat 450 ± 5 mm x 150 ± 5 mm x 75 ± 2 mm, back 450 ± 5 mm x 300 ± 5 mm x 75 ± 2 mm;
- Density of the filling material: 21 kg/m<sup>3</sup>.

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

Managing Director  
Dr. Andrea Giavon

**TEST REPORT****183944 / 2**

Date of issue:

16/10/14

Sample name:

Upholstered furniture covered with coated fabric PELKO' - VANITY - EXOTIC COLLECTION F.R. "B"

**Deviations from the test method:** none.**Conditioning and sampling procedure**

- Conditioning: for at least 88 h in an atmosphere having a temperature of  $23 \pm 2$  °C and a relative humidity of  $50 \pm 5$  %.
- Type of cleaning: none as requested by the client.
- Weathering procedures: none as requested by the client.
- Type of the detergent used: none.

Sampling procedure: performed by the client.

**Flame application time:  $20 \pm 1$  s**

|  | Application n° 1 | Application n° 2 |
|--|------------------|------------------|
| Duration of flames and/or progressive smouldering longer than 120 s of the removal (paragraph 3.2.2) | 0 s<br>Pass      | 0 s<br>Pass      |
| Final examination (paragraph 7.4)  | Pass             | Pass             |

The uncertainty of measurement of the input quantities, extended to a 95 % level of confidence (coverage factor  $k=2$ ), is  $\pm 0,2$  seconds.

Observations: none.

The sample meets the performance criteria set out in paragraph 3 of Part 8 "Test for upholstered furniture".

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