

TEST REPORT

253695 / 1

Date received: 19/06/18  
Date of test: 27/06/18  
Date of issue: 28/06/18

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

Sample name: Upholstered furniture covered with art. BLUMARE F.R. COLLECTION

**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: simil-leather BLUMARE F.R. COLLECTION produced by ALFATEX ITALIA SRL Company;
- composition: 84 % PVC - 15 % PES - 1 % PU;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 1 mm;
- mass per unit area: 750 g/m<sup>2</sup>;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.

Filling (supplied by Laboratory as requested by the client):

- material: polyurethane foam not fire retardant;
- 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: 803 g/m<sup>2</sup>.
- Colour of the cover: orange.
- 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

**253695 / 1**

Date of issue:

28/06/2018

Sample name:

Upholstered furniture covered with art. BLUMARE F.R. COLLECTION

**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: not declared/performed by the client (production batch n. /).

		Cigarette n° 1	Cigarette n° 2
Cigarette dimensions	length	70 mm	70 mm
	diameter	8 mm	8 mm
Mass		0,95 g	0,94 g
Smouldering rate of the cigarette		10 min 20 s / 50 mm	10 min 20 s / 50 mm
Extent of damage of specimen measured from the ignition source		10 mm	10 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 cigarette(s) fails to smoulder its complete length.

The sample complies with 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

253695 / 2

Date received: 19/06/18  
Date of test: 28/06/18  
Date of issue: 28/06/18

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

Sample name: Upholstered furniture covered with art. BLUMARE F.R. COLLECTION

**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: simil-leather BLUMARE F.R. COLLECTION produced by ALFATEX ITALIA SRL Company;
- composition: 84 % PVC - 15 % PES - 1 % PU;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 1 mm;
- mass per unit area: 750 g/m<sup>2</sup>;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.

Filling (supplied by Laboratory as requested by the client):

- material: polyurethane foam not fire retardant;
- 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: 803 g/m<sup>2</sup>.
- Colour of the cover: orange.
- 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 **253695 / 2**  
 Date of issue: 28/06/2018  
 Sample name: Upholstered furniture covered with art. BLUMARE F.R. COLLECTION

**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: not declared/performed by the client (production batch n. /).

**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 Pass	0 s 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 complies with 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.

*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