

RAPPORTO DI PROVA NO. 1462.0UN0101/13

Test Report no.

METODO DI PROVA: UNI 9175: 2010
Test method

DENOMINAZIONE DELLA PROVA: Reazione al fuoco mobili imbottiti
Description of the standard *Reaction to fire of upholstered products*

RICHIEDENTE: FLAMENTEK LIMITED
Sponsor Fox Farmhouse, Shadingfield, Beccles, Suffolk
NR34 8DD (United Kingdom)

DENOMINAZIONE DEL MATERIALE: SAVANNA
Denomination of the material

DATA RICEVIMENTO CAMPIONI: 18/10/2013
Date of the sample supply

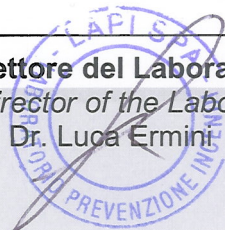
Nota: Prova effettuata su ipotesi di mobile imbottito (Tessuto fornito dal Richiedente + Imbottitura fornita dal Laboratorio).

Note: Test effected on a upholstered piece of furniture hypothesis (Fabric supplied by the Sponsor + Filling supplied by the Laboratory).

- Questo Rapporto di Prova è costituito da / *This Test Report consists of:*
 - no. 3 pagine (compresa la presente) / *no. 3 pages (including this one).*
 - no. 2 allegati / *no. 2 annexes.*
- I risultati riportati in questo Rapporto di Prova si riferiscono esclusivamente al materiale sottoposto a prova fornito dal Richiedente (rif. codice Laboratorio no. 1462/13). Un campione del materiale è stato conservato dal Laboratorio.
The results reported in this Test Report refer exclusively to the material submitted to test and supplied by the Sponsor (re. Lab. code no. 1462/13). A sample of the material has been retained by the Laboratory.
- Questo Rapporto di Prova, valido esclusivamente per il materiale provato, non è rilasciato ai sensi degli art. 8 e 10 del D.M. 26.06.84 e D.M. 03.09.01
This Test Report is valid solely for the material tested, it is not issued according to art. 8 and 10 of D.M. 26.06.84 and D.M. 03.09.01
Non è rilasciato ai sensi degli art. 8 e 10 del D.M. 26.06.84 e D.M. 03.09.01
It is not issued according to art. 8 and 10 of D.M. 26.06.84 and D.M. 03.09.01
Il D.M. 03.09.2001 pubblicato nella G.U.R.I. serie generale n.242 del 17 Ottobre 2001 modifica ed integra il precedente D.M. 26.06.84.
The D.M. 03.09.2001 published in G.U.R.I. serie generale n.242 of 17 October 2001 amends the preceding D.M. 26.06.84.

Prato, 29.10.2013

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Ermini



Rapporto di Prova no. **1462.0UN0101/13**
 Test Report no.

METODO DI PROVA / TEST METHOD
UNI 9175

Materiale / Material: -----

COMPONENTE COMPONENT	N. SERIE PROVETTE SPECIMENS SERIES N.	ESITO PROVE PER I VARI TEMPI DI INNESCO (IN SECONDI) TEST RESULT FOR THE APPLIED IGNITION TIMES (SECONDS)		
		20	80	140
materiale imbottito filling	1°	POSITIVO POSITIVE		
	2°	POSITIVO POSITIVE		
manufatto completo complete item	1°	POSITIVO POSITIVE		
	2°	POSITIVO POSITIVE		
	1°		POSITIVO POSITIVE	
	2°		POSITIVO POSITIVE	
	3°			
	1°			POSITIVO POSITIVE
	2°			POSITIVO POSITIVE
	3°			

Metodo di preparazione UNI 9176: D
 Method of preparation UNI 9176: D

CLASSE / CLASS
1IM

Note / Notes:

- Lato esposto: indicato dal Richiedente.
- Side in view: indicated by the Sponsor.

- L'IMBOTTITURA IMPIEGATA DAL LABORATORIO, E' COSTITUITA DA UNA SCHIUMA POLIURETANICA ESPANSA FR CON DENSITÀ 30 kg/m³ DELLA DITTA OLMO S.p.A., DI CLASSE 1 IM, DENOMINATA ELAST 30.

- THE FILLING USED HAS BEEN SUPPLIED BY THE LABORATORY; IT IS MADE OF AN EXPANDED POLYURETHANE FLAME RETARDANT FLEXIBLE FOAM WITH DENSITY 30 kg/m³ BY OLMO S.p.A., BELONGING TO CLASS 1 IM, DENOMINATED ELAST 30.

QUESTO RAPPORTO DI PROVA NON E' RILASCIATO AI SENSI DEGLI ART. 8-10 DEL D.M. 26.06.1984 E D.M. 03.09.2001.

THIS TEST REPORT IS NOT ISSUED ACCORDING TO ART. 8 AND 10 OF D.M. 26.06.84 AND D.M. 03.09.01.



S.p.A. LABORATORIO PREVENZIONE INCENDI
 Legalmente riconosciuto - Autorizzato dal Ministero dell'Interno

Luogo e data prova
 Place and test date
 Prato, 28/10/2013

L'Operatore
 The Operator

DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: tessuto di colore nero e beige.

Appearance: woven fabric of the black & beige colour.

Composizione (*): 34% Poliestere - 31% Lana vergine - 26% Acrilico - 4% Cotone
- 3% Poliammide - 2% Lino.

Composition (*): 34% Polyester - 31% New wool - 26% Acrylic - 4% Cotton - 3% Polyamide
- 2% Linen.

Spessore / Thickness (*): 1.0÷2.0 mm. - Peso / Weight (*): $\approx 1990 \text{ g/m}^2$.

Tattamento ignifugante / Flame retardant treatment (*): Duraflam[®] by Fabric Flare Solutions Ltd

Referenza cliente / Client reference (*): **KV0237.13** - 21345 - Kvadrat A/S

Colore / Colour (*): Nero e beige / Black & Beige.

Lato esposto / Side in view (*): indicato dal Richiedente / Indicated by the Sponsor.

Lotto di produzione / Production batch (*): "Sample stock" c/o lo stabilimento / The factory:
FLAMEN TEK LIMITED - (United Kingdom).

(*) - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

PREPARAZIONE E CONDIZIONAMENTO

Preparation and Conditioning

Il materiale è stato sottoposto al metodo " D "

Il materiale è stato condizionato come prescritto dal metodo applicato.

The material has been submitted to the preparation method " D "

The material has been conditioned before testing as prescribed by the method in object.

PROCEDIMENTO DI PROVA

Test Procedure

La prova è stata eseguita secondo il metodo **UNI 9175**.

L'imbottitura impiegata, fornita dal Laboratorio è costituita da una schiuma poliuretanic
espansa FR con densità 30 kg/m^3 , di CLASSE 1 IM denominata ELAST 30. L'imbottitura è
stata sottoposta a $(80\pm 5)^\circ\text{C}$ e $(80\pm 5)\%$ U.R. per 72 ore, dopo le quali è stata condizionata
in atmosfera standard a $(23\pm 2)^\circ\text{C}$ e $(50\pm 5)\%$ U.R. per più di 48 ore prima della prova.

The test has been carried out according to the method **UNI 9175**.

The filling used has been supplied by the Laboratory and consists of an expanded
polyurethane flame retardant flexible foam with density 30 kg/m^3 , belonging to CLASS 1 IM,
denominated ELAST 30.

The filling has been stored for 72 hours at $(80\pm 5)^\circ\text{C}$ and $(80\pm 5)\%$ R.H., after which period it has
been conditioned in standard atmosphere at $(23\pm 2)^\circ\text{C}$ and $(50\pm 5)\%$ R.H. for more than 48 hours.

VALUTAZIONE DEI RISULTATI

Judgement

Sulla base dei risultati ottenuti e relativamente ai campioni forniti dal Richiedente, al materiale
in esame è attribuibile la

On the basis of the obtained results and referring to the samples supplied by the Sponsor,
the material is assigned to

CLASSE / CLASS - 1 IM

di reazione al fuoco / of reaction to fire.

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Ermini





LABORATORY TESTS REQUEST

to send back to LA.P.I. filled in one for each specimen

Responsible Person to contact : **DONNA BARBER**

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TEST REQUEST HEADING (full address):
**FLAMENTEK LTD, FOX FARMHOUSE, SHADINGFIELD,
BECCLES, SUFFOLK, NR34 8DD, UNITED KINGDOM**

INVOICE HEADING (full address):
**FLAMENTEK LTD, FOX FARMHOUSE, SHADINGFIELD,
BECCLES, SUFFOLK, NR34 8DD, UNITED KINGDOM**

COMMERCIAL NAME OF THE ARTICLE¹⁾:

SAVANNA

Technical data of the specimen²⁾: (see annexed sheet for stratified and composite materials)

Composition (%): **34% POLYESTER, 31% NEW WOOL, 26% ACRYLIC, 4% COTTON, 3% POLYAMIDE, 2% LINEN**

Appearance: **WOVEN FABRIC**

Colour: **BLACK & BEIGE**

Thickness (mm): **1.0/2.0mm** Weight (g/m²): **APPROX. 1990g/m²** Density (kg/m³):

Possible fire retardant treatment: **DURAFLAM**

The specimen is Isotropic Anisotropic

The specimen usually composes a side in view (Yes/No): **YES**

The two sides are identical (Yes/No): **NO**

If the two sides are not identical, identify which of the two must be tested:

SIDE WITH 'FACE SIDE' LABEL ATTACHED - TO BE TESTED

End use of the article: (CURTAIN, WALL, FLOOR, CEILINGS, etc...) **UPHOLSTERY**

Laying of the article (if stuck specify the type of glue g/m²):

REQUESTED TESTS ON THE SPECIMEN ^{3) 5)} UNI 9175	IN ACCORDANCE TO SPEC. N. ³⁾ CLASS 11M
	REQUEST FOR MEASUREMENT UNCERTAINTY (IF REQUIRED IT WILL BE ANNEXED TO THE TEST REPORT ⁴⁾): YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
NOTES ON THE SPECIMEN (POSSIBLE DEROGATIONS ³⁾): N/A	

TO BE FILLED ONLY IN CASE OF TRASPORTATION FIELD TESTS : **N/A**

SAFETY DATA SHEET	N°
TECHNICAL DATA SHEET	N°
BATCH	N° Date

Date

14 10 13

Stamp and signature of Responsible

[Signature]

Notes (to be read to fill this form):

- 1) The commercial name of the article represents the exact name that will be written on the Test Report . It has to be univocal and match exactly to possible names written on the specimen. LA.P.I reserves itself the right to not accept specimen whose identification is unclear or ambiguous.
- 2) Technical data reported below will be written on the Test Report as indicated by the reference specification. The side to be tested has to be clearly identified, marking it in a suitable way if possible.
- 3) List the tests to perform and their reference methods. If the tests have the purpose to verify the matching of a specimen to a specification, it is useful to mention it in this field and to enclose a copy of the specification. If not specified, we assume the request refers to the latest valid edition of the specification. Indicate in this field possible derogations to the method or supplementary procedures to apply during the test. Every derogation and/or supplementary procedure will be referred and described on the Test Report. IN METHODS EXPECTING A PRELIMINARY TREATMENT OF THE SPECIMEN, INDICATE ONLY IF YOU DON'T WANT THOSE TREATMENTS TO BE PERFORMED ON THE SAMPLE.
- 4) In case UNI EN ISO 3386 "Resistance to compression of low density materials" has to be effected, the material has to be sent to the Laboratory not before 72 hours from its production.
- 5) The evaluation performed by the Laboratory does not involve the approval of the product either by the Laboratory or by the Accreditation Body
- 6) The "Declaration of Measure uncertainty" will be annexed to the Test Report if the test method is under Sinal accreditation and includes a Declaration of conformity.



flamentek limited
fire prevention consultants
fox farmhouse shadingfield
beccles suffolk NR34 8DD

phone | fax: 01502 575533
e mail | info@flamentek.co.uk

The undersigned

.....
DONNA BARBER
.....

in his/her capacity of legal representative of the

Company..... FLAMENTEK LIMITED

declares that the sampling named SAVANNA

and sent to be tested

was taken from the production batch n°

..... SAMPLE STOCK

c/o the factory
(indicate the address)

on (day:) (month:)
..... (year:)

safety sheet n° (to be annexed with stamping)..... N/A

technical data sheet n° (to be annexed with stamping).....

Date 14.10.13

Signature

.....
.....