

TEST REPORT

WARRES NO. L17974

BS6807: 1996

**ASSESSMENT OF THE IGNITABILITY OF
MATTRESSES, UPHOLSTERED DIVANS AND
UPHOLSTERED BED BASES WITH FLAMING
TYPES OF PRIMARY AND SECONDARY
SOURCES OF IGNITION**

SPONSORED BY

**BARRINGTON HEALTHCARE PRODUCTS LIMITED
51 Queen Anne Street, London WIM 9FA**

W*arrington*
FIRE
research
CONSULTANCY • TESTING

The Professionals in Fire Safety

101 Marshgate Lane London E15 2NQ * Tel: 020 8519 8297 * Fax: 020 8519 3029

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Client: Test date: Test ref: Entry No: Description: Fillings from top:	Barrington Healthcare International Ltd. 9-Jul-02 11742 _b copy No.1 12127 Thermo Contour mattress Purple unknown																											
TEST REPORT																												
Tests required: Test Enclosure Conditioning: Method of test:	BS EN 597 - 2 : 1995 1 Cubic Metre capacity. At least 16 hours at 50 +/- 5% relative humidity, 23 +/- 2 °C BS EN 597 - 2																											
The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; They are not intended as a means of assessing the full potential fire hazard of the mattress, mattress pad or upholstered base in use.																												
<p>Smouldering criteria</p> <table> <tr> <td>Unsafe escalating combustion (3.1a)</td> <td>n/a</td> <td>-</td> </tr> <tr> <td>Test assembly consumed (3.1b)</td> <td>n/a</td> <td>-</td> </tr> <tr> <td>Smoulders through thickness (3.1c)</td> <td>n/a</td> <td>-</td> </tr> <tr> <td>Smoulders more than 1 hour (3.1d)</td> <td>n/a</td> <td>-</td> </tr> <tr> <td>More than 50mm from source (3.1e)</td> <td>n/a</td> <td>-</td> </tr> </table> <p>Flaming criteria</p> <table> <tr> <td>Unsafe escalating combustion (3.2a)</td> <td>-</td> <td>no</td> </tr> <tr> <td>Test assembly consumed (3.2b)</td> <td>-</td> <td>no</td> </tr> <tr> <td>Burning through thickness or to the extremities (3.2c)</td> <td>-</td> <td>no</td> </tr> <tr> <td>Flaming for more than 120 secs (3.2d)</td> <td>-</td> <td>no</td> </tr> </table>		Unsafe escalating combustion (3.1a)	n/a	-	Test assembly consumed (3.1b)	n/a	-	Smoulders through thickness (3.1c)	n/a	-	Smoulders more than 1 hour (3.1d)	n/a	-	More than 50mm from source (3.1e)	n/a	-	Unsafe escalating combustion (3.2a)	-	no	Test assembly consumed (3.2b)	-	no	Burning through thickness or to the extremities (3.2c)	-	no	Flaming for more than 120 secs (3.2d)	-	no
Unsafe escalating combustion (3.1a)	n/a	-																										
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Flaming for more than 120 secs (3.2d)	-	no																										
Ignition source	Observations	Result																										
0 Cigarette	n/a	n/a																										
0 Cigarette/NS	n/a	n/a																										
1 Butane flame	Flaming ceased within the specified time of 2 mins, after the removal of the butane flame	PASS																										
<p>Note : The above specifies that tests should also be carried out on tape edges and/or quilt line. Tests could not be carried out.</p>																												
<p>Comments: This composite structure CONFORMS to the requirements of BS EN 597 - 2 : 1995</p>																												
<p><i>This is hereby certified to be a correct return of the items referred to herein.</i></p>																												
Page 2 of 2		BS EN 597/1-2																										

Barrington Healthcare Products Ltd
51 Queen Anne Street
London
W1M 9FA

2 October 1995
Our Ref: 27538/9/95
Your Ref:
Order No.
Page 2 of 2

Results

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


They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

<u>Sample</u>	<u>Initial Mass</u> (g)	<u>Final Mass</u> (g)	<u>Mass Loss</u> (g)	<u>Pass or Fail</u>
Fillerfoam	1227	1205	22	Pass
	1223	1201	22	

Comments

The material was sampled in accordance with the BTTG Internal Flammability Procedure F1.

The information contained on page no's 1/2 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by Wira Testing services on the materials referred to.

Signed  Date 2.10.95

C.T. Johnson
Head of Fire Testing

CTJ/BP
3588.rep



Eseguito con il metodo

CSE RF 4/83

(COME PREVISTO DAL D.M. 26.6.84 MINISTERO DELL'INTERNO)

MANUFATTO SOTTOPOSTO AD ESAME• **Produttore :**

HILL-ROM SpA
Via Ambrosoli, 6
20090 RODANO (MI)

• **Denominazione commerciale del manufatto :**

Materasso denominato : THERMO CONTOUR costituito da :

Rivestimento :

Tessuto "Vigilance"

Peso : 300 g/mq

ditta : Carrington Performance Fabrics Ltd

Imbottitura :

Come riportato nella Scheda Tecnica allegata.

ditta : Barrington Healthcare International Ltd

• **Caratteristiche tecniche :**

Veggasi anche allegata Scheda Tecnica

RISULTATO DELLA PROVA

Sulla base dei risultati di prova riportati di seguito al materiale in esame e' attribuibile la classe

- UNO I EMME -

PREPARAZIONE DEL MATERIALE

La preparazione del materiale per l'accertamento delle caratteristiche di reazione al fuoco a seguito delle operazioni di manutenzione e' stata effettuata secondo il metodo prescritto agli allegati A 1.4 e A 1.6 - lettera D al Decreto Ministeriale sopracitato.

ESITI DI PROVA

PRIMA ANALISI : Applicazione della fiamma su imbottitura :

	Tempo	Postcombustione	Esito
1. Prova	20 sec	1 sec	POSITIVO
2. Prova	20 sec	0 sec	POSITIVO

SECONDA ANALISI : Applicazione² della fiamma su manufatto :

	Tempo	Postcombustione	Esito
1. Serie	20 sec	2 sec	POSITIVO
	80 sec	1 sec	POSITIVO
	140 sec	0 sec	POSITIVO
2. Serie	20 sec	10 sec	POSITIVO
	80 sec	0 sec	POSITIVO
	140 sec	1 sec	POSITIVO

OSSERVAZIONI SULL'ANDAMENTO COMPLESSIVO DELLA PROVA

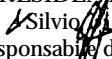
Nessuna osservazione

Del presente Rapporto di Prova e' parte integrante la scheda tecnica redatta dal Produttore e vistata dal Direttore del Laboratorio.

Il presente Certificato e' valido unicamente per la campionatura sottoposta a prove.

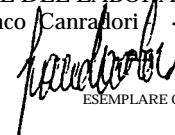
CONTROGUERRA, 02.04.1997

IL PRESIDENTE CONS. AMM.NE

Silvio  Messa -
Responsabile della Ricerca

L.S.F. SUD srl - CONTROGUERRA (TE)

IL DIRETTORE DEL LABORATORIO

- Franco  Canraiori

ESEMPLARE ORIGINALE



Ministero dell'Interno

DIPARTIMENTO DEI VIGILI DEL FUOCO, DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE

DIREZIONE CENTRALE PER LA PREVENZIONE E LA SICUREZZA TECNICA

AREA V – PROTEZIONE PASSIVA

22485

Roma, 13 LUG. 2004

DCPST/A5/N° 2245 /OM/902791

Alla Ditta BARRINGTON HEALTHCARE
INTERNATIONAL Ltd
27 Old Gloucester Street
BCM Box 5526- LONDON WC1N 3XX
(INGHILTERRA)

OGGETTO: Istanza di omologazione, ai fini della prevenzione incendi, del prodotto denominato: "SERIE THERMOCUSHION".

In relazione a quanto in indicato in oggetto, si comunica, ai sensi degli articoli 7 e 8 della Legge 241/90, l'avvio del procedimento amministrativo, che viene affidato al **Dott. Ing. Giuseppe PADUANO**.

Si fa presente che ai sensi dell'art. 13 comma 1 del D.Lg.vo 30-06-2003 n. 196 i dati personali relativi alle Società sono raccolti e conservati esclusivamente presso questo Ufficio, e gli utenti fruiscono dei diritti previsti dall'art. 7 del precitato D. Lg.vo, tra i quali l'accesso ai dati ai fini di aggiornamenti o rettifiche, precisando altresì che la richiesta di informazioni deve essere avanzata esclusivamente dal rappresentante legale della Società o da un soggetto formalmente delegato.

A tale scopo, si rende noto che il responsabile dei dati è il Dirigente di questa Area.

Si comunica inoltre che ai sensi dell'art. 9 comma 4 del D.M. 26/06/1984 i data di natura non meramente tecnica verranno pubblicati periodicamente sulla Gazzetta Ufficiale della Repubblica Italiana.

Infine, si avverte l'utenza che per eventuali ulteriori informazioni sul corso della pratica, questo Ufficio è aperto al pubblico **martedì** e **giovedì**, dalle ore **10.00** alle ore **12.00** e può essere raggiunto telefonicamente tramite i seguenti numeri:

- **Per informazioni relative allo stato di avanzamento della pratica: tel. 06/ 46529411;**
- **Per informazioni tecniche: tel. 06/ 465290406.**

p. IL DIRIGENTE DELL'AREA
Dott. Ing. Giuseppe BADUANO

3.3 ESSAI A LA SOURCE SOUS L'ARETE DU MATELAS

Deux applications sont réalisées. L'application 1 est réalisée sous la couture et l'application 2 est réalisée sous l'étiquette.

Pour chacune d'entre elles,

- les revêtements fondent, percent, s'enflamment et le revêtement inférieur carbonise en plus,
- l'intercalaire s'enflamme et carbonise,
- le rembourrage fond et s'enflamme,
- d'épaisses fumées blanches se dégagent.

Après retrait du brûleur, les flammes persistent; La combustion devenant dangereuse, une extinction forcée est réalisée après 2 minutes de persistance.

		Application 1	Application 2
Persistance des flammes		> 120 s	> 120 s
Distance maximale détériorée	Revêtement	110mm	80mm
	Rembourrage	110mm	80mm

4. CONCLUSION

Le matelas référencé "THERMOCONTOUR" est CONFORME à la recommandation D1 bis-89 du GPEM/CP.

Pour l'épaisseur présentée, il obtient la classe D selon la recommandation D1-90 du GPEM/CP.

Trappes, le 28 Octobre 2004

Le Chef de la division
COMPORTEMENT AU FEU



Alain SAINRAT



Réalisation de l'essai
Valérie LELIEVRE
La Responsable de l'essai



Valérie LELIEVRE

"L'attention est attirée sur le fait que les résultats obtenus avec l'échantillon objet du présent rapport d'essais ne sont pas généralisables sans justification de la représentativité des échantillons et essais".





Österreichisches Textil-Forschungsinstitut

A- 1050 Wien, Spengergasse 20, Tel. +43 1 5442543, Fx +43 1 5442543-10

The company

**BARRINGTON HEALTHCARE
INTERNATIONAL LIMITED**

GB-London WCIN 3xx, 27 Old Gloucester Street

is granted authorization according to Oeko-Tex Standard 100 to use the
Öko-Tex mark, based on our **test report number 42 432**



for the following articles:

**Flexible, MDI based, fire retardant, Visco-Elastic PUR-foam for bedding,
furnishing applications, mattresses and seat cushions up to a thickness of 10 cm.**

The results of the inspection made according to Öko-Tex Standard 100 -
Product class IV - have shown that the above mentioned goods meet the
human-ecological requirements of the standard presently established
for decoration material.

The holder of the certificate, who has issued a conformity declaration
according to EN 45 014, is obliged to use the Öko-Tex mark only in
conjunction with products that are conform with the sample initially tested.

Head of Chemical Department
Ing. Brigitta Colbert

Head of Institute
Dipl.-Ing. Dr. Erich Zippel



1 registered establishments meeting your search criteria returned - Establishment Registration Number : 9617156 Owner Operator Number : 9038309

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Name	State/Country	Registration Number	Current Registration Yr
BARRINGTON HEALTHCARE INTERNATIONAL, LTD.	UNITED KINGDOM	9617156	2008
<ul style="list-style-type: none"> MATTRESS, FLOTATION THERAPY, NON-POWERED - THERMO CONTOUR 			Specification Developer
<ul style="list-style-type: none"> CUSHION, FLOTATION - THERMO CONTOUR 			Specification Developer

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Establishment Registration Database

Establishment:

BARRINGTON HEALTHCARE INTERNATIONAL, LTD.
27 Old Gloucester St.
London, UNITED KINGDOM WCIN 3XX

Registration Number: 9617156

Status: Active

Date Of Registration Status: 2008

Owner/Operator:

BARRINGTON HEALTHCARE INTERNATIONAL, LTD.
27 Old Gloucester St.
London, UNITED KINGDOM WCIN 3XX

Owner/Operator Number: 9038309

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