

DATE SUBMITTED: 28-MARCH-2014  
DATE ISSUED: 22-APRIL-2014  
REPORT NO: 26139-2 Amended 2  
COMPANY P/ORDER NUMBER: 4692

CUSTOMER CONTACT NAME: CHARLENE SLAMMON  
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COMPANY: TCS THE COMPLETE SERVICE Ltd  
57 CHANCELLORS ROAD  
NEWRY  
NORTHERN IRELAND  
BT35 8PX

CUSTOMER SAMPLE DESCRIPTION

FIBRE COMPOSITION: Not Stated  
QUALITY: YINYANG Firm/Soft - BOTTOM  
SAMPLE DESCRIPTION: Unquilted Nepal Top, Klassline Bottom Cover on 30/110, Dual 30/125 & 30/090 on Visco  
CUSTOMER: TCS THE COMPLETE SERVICE Ltd

FIRE TEST REQUESTED:  
(Confidential Report)

The sample supplied is a Mattress and has been tested to BS 7177: 2008 + A1: 2011 Low Hazard (Domestic Use):  
Specification for Resistance to ignition of mattresses, mattress pads, divans and bed bases.

Tested in accordance with BS EN 597-1: 1995 Resistance to ignition with source - smouldering cigarette & BS EN 597-2: 1995 Resistance to ignition with source - match flame equivalent.

CONDITIONING PRIOR TO TESTING:

Prior to testing the sample was conditioned in a standard atmosphere @ least 16 h at 23 +/- 2 °C and 50 +/- 5 % r h for BS EN 597 part 1 & 2.

NOTE: In addition to the tests carried out to categorize the mattress, the filling materials must also comply with the Furniture and Furnishings (Fire) (safety) Regulations 1988.

Authorised signatures:

Signed:  v

Zeb Alam  
Technical Manager

TEST CERTIFICATE

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DATE OF TEST 08-April-2014  
 Fire test carried out by: Zeb Alam

RESULTS:

The 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 item in use.

Ignition Sources	Position	Duration of		Special Features of Burning		Extent of damage to component (mm)	
		Flames (minutes)	Smouldering (minutes)	Melting	Charring	Length	Width
Source 0	Top of Mattress (face surface plain)	00.00	Failed to smoulder	Yes	Yes	N/A	N/A
Source 0	Top of Mattress (face surface plain)	00.00	Failed to smoulder	Yes	Yes	N/A	N/A
Source 1	Top of Mattress (face surface plain)	00.03	00.00	Yes	Yes	18	23
Source 1	Top of Mattress (face surface plain)	00.02	00.00	Yes	Yes	25	22

Observation of test:

COMMENTS & OBSERVATIONS:

The sample supplied meets the requirements of BS EN 597-1: 1995 Resistance to ignition with source - smouldering cigarette & BS EN 597-2: 1995 Resistance to ignition with source - match flame equivalent

Results Test:

Smouldering Cigarette Test: **PASS (P0)**

Match Flame Equivalent Test: **PASS (P1)**

**BS 7177: 2008, Clause 6: Labelling and Identification:**

Each mattress, divan or bed shall carry a permanently attached and clearly readable label of minimum size 50mm x 50mm. The base colour of the label shall be white with a blue border. The word "RESISTANCE" shall appear on the border and shall be white and of minimum height 5mm. A smouldering cigarette symbol, flame symbol and the ignition source number(s) shall appear in the central white area and shall be black. Information defining additional tests shall be included on the label for very high hazard mattresses and upholstered mattress pads.