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Customer details: Pineapple Contracts
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ORPINGTON
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SATRA reference: FUR0250207 /1638

Your reference: PO/31064

Date of report: 19 October 2016

Sample received: 23 September 2016

For the attention of: Neill Smith

Date(s) work carried out: 23 September 2016 –
18 October 2016

TECHNICAL REPORT

Subject: Testing a bed described by the customer as the 'SOVIE Bed' to BS 1725:1998,
with loads increased to correspond to a 36 stone user

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Geoff Bindley
Position: Department Manager
Department: Furniture and Floor Coverings

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ASSESSMENT OF THE SOVIE BED

As requested by Pineapple Contracts, SATRA have assessed the bed submitted as detailed below.

SAMPLE SUBMITTED

Sample reference: SOVIE Bed
 Date received: 23 September 2016
 Testing completed: 18 October 2016
 Testing conducted by: Paul Burrows
 Reported by: Andrew Munns

TESTS CARRIED OUT

BS EN 1725:1998 – Domestic Furniture – Beds and Mattresses – Safety requirements and test methods – with loads increased to correspond to a 36 stone user, except for the impact test and the vertical static load on the bed edge.
 The impact test was carried out with a 240 mm drop height (instead of 180 mm in BS EN 1725).
 The vertical static load on the bed edge was carried out with a test load of 3120 N (instead of 1200N in BS EN 1725).

RESULTS

SOVIE BED

BS EN 1725:1998 with loads increased to correspond to a 36 stone user

Clause	Test	Result
6	Safety Requirements	
	All components/parts that user may come into contact shall not have burrs/sharp edges, nor shall there be open-ended tubes.	Pass
	When bed fully erected, all accessible mechanisms that facilitate frame movement shall have safety distances between any two elements moving relative to each other shall always be $\leq 8\text{mm}$ or $\geq 25\text{mm}$.	N/A
	When specific danger of feet being trapped by moving part, the safety distance shall always be $\geq 100\text{mm}$ from floor.	N/A
7.2	Stability	Pass

Continued

Clause	Test	Result
7.3	Durability test	
	Position 1 (Head end)	Pass
	Position 2 (Central)	Pass
	Position 3 (Foot end)	N/A
7.4	Vertical impact test	Pass
7.5	Durability of bed edge	Pass
7.6	Vertical static load test	Pass
7.7	Vertical static load test of the edge of the bed	Pass

N/A denotes clause 'Not Applicable'.

DISCUSSION

- Note 1: To determine suitability of the product for use at 36 stone the downward force used in the Clause 7.3 durability test has been increased to 2242 Newtons. The number of cycles has been increased to 20,000 to simulate increased use in a severe contract environment.
- Note 2: The drop height used in the Clause 7.4 vertical impact test has been increased from 180 mm to 240 mm to determine suitability for use in a severe contract environment.
- Note 3: To determine suitability of the product for use at 36 stone the downward force used in the Clause 7.5 durability of bed edge test has been increased to 2242 Newtons. The number of cycles has been increased to 10,000 to simulate increased use in a severe contract environment.
- Note 4: The downward force used in the Clause 7.6 vertical static load test has been increased to 3240 Newtons to determine suitability for use at 36 stone in a severe contract environment.
- Note 5: The downward force used in the Clause 7.7 vertical static load test on the bed edge test has been increased to 3120 Newtons to determine suitability for use in a severe contract environment.
- Note 6: The standard mattress supplied by SATRA used in this testing deviates from the requirements of BS EN 1725:1998. The cotton cover is woven to 31 threads in the warp and 32 threads in the weft.

CONCLUSION

The 'SOVIE Bed' submitted for testing by Pineapple Contracts has satisfied the relevant requirements of BS EN 1725: 1998 – Domestic Furniture – Beds and Mattresses – Safety requirements and test methods – with loads increased to correspond to a 36 stone user.

Photo showing the end view of the "SOVIE Bed":



Photo showing the side view of the "SOVIE Bed":



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The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009