

Test Report

Number: SZHH01548578

Applicant: DOREL HOME FURNISHINGS EUROPE LTD
BUILDING 4, IMPERIAL PLACE,
MAXWELL ROAD, BOREHAMWOOD,
WD6 1JN UNITED KINGDOM

Date: Apr 02, 2021

Attn: Mark Huang

Sample Description:

One (1) piece of submitted sample said to be :

Item Name : **Leopold Metal Bed (UK King Size)-Black.**
Item No. : **4540039QEUK.**
Manufacturer : Xiamen Wenrui Industry Co.,Ltd Haicang Branch.
Buyer : Dorel Home Furnishings Europe Ltd.
Country of Origin : China.
Country of Destination : UK.
Date Sample Received : Mar 22, 2021.
Testing Period : Mar 22, 2021 – Mar 29, 2021.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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Page 1 of 5



Test Report

Number: SZHH01548578

Conclusion:

Tested Sample
Submitted Sample

Standard
BS EN 1725: 1998 – Domestic Furniture- Beds and
Mattresses - Safety Requirements and Test Methods

Result
Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd
Xiamen Branch



Rachel L. Guo
General Manager



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Page 2 of 5



Test Report

Number: SZHH01548578

Tests Conducted

1 Safety Requirements and Test Methods for Domestic Furniture - Beds and Mattresses

Test standard: BS EN 1725: 1998 - Domestic Furniture - Beds and Mattresses - Safety Requirements and Test Methods.

Number of sample tested: One (1) piece.

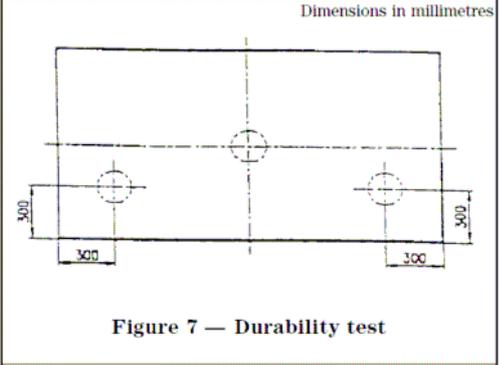
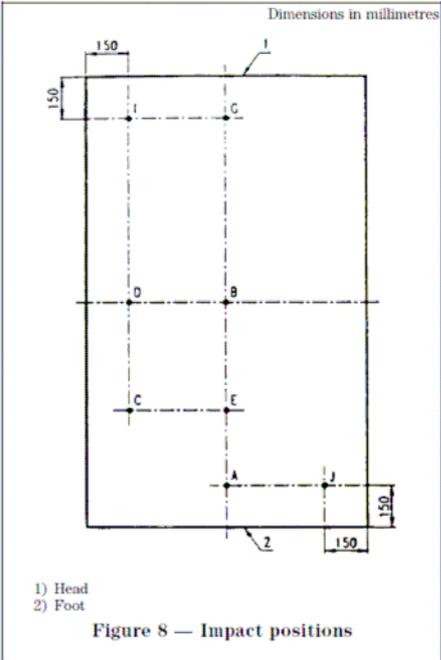
Initial inspection: No visible defect was found.

Executive summary:

Standard clause	Tests	Result
6	<p>Safety requirements</p> <ul style="list-style-type: none"> All components or parts of the bed, with which the user may come into contact during normal use, shall not have burrs and/or sharp edges, nor shall there be open-ended tubes. When the bed is fully erected and ready for use, all accessible mechanisms that facilitate frame movement shall have safety distances between any two elements moving relative to each other which shall always be ≤ 8 mm or ≥ 25 mm. When there is a specific danger of feet being trapped by a moving part, the safety distance shall always be ≥ 100 mm from the floor. When tested according to 7.2, "Stability", the test unit shall not overturn. All components shall pass the tests specified in clause 7 without fracture. After testing, there shall be no deformation that may compromise safety. 	P
7.2	<p>Stability</p> <ul style="list-style-type: none"> The test shall be carried out in accordance with EN 1022, except that the position of the loading points shall be as shown in Figure 6. <div data-bbox="320 1256 823 1686" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; color: red;">Dimensions in millimetres</p> <p>1) L: length of the product tested (see Table 1) 2) w: width of the product tested (see Table 1)</p> <p style="text-align: center;">Figure 6 — Stability test</p> </div>	P



Tests Conducted

Standard clause	Tests	Result
7.3	<p>Durability test</p> <ul style="list-style-type: none"> Apply a vertical downward force of 1 000 N using the loading pad. Apply the load 10 000 times at each position point shown in Figure 7.  <p>Figure 7 — Durability test</p> <ul style="list-style-type: none"> During each application maintain the load for (3 ± 1) s. 	P
7.4	<p>Vertical impact test</p> <ul style="list-style-type: none"> Allow the impactor to fall freely from a height of 180 mm (measured from the top face of the unloaded mattress) onto the mattress, at the following positions: <ul style="list-style-type: none"> - test units greater than 1 150 mm in width: A, B, C, D, E, G, I and J; - test units equal to or less than 1 150 mm in width: A, B, C, D, G, I and J. Carry out ten impacts at each point.  <p>Figure 8 — Impact positions</p>	P



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Standard clause	Tests	Result
7.5	Durability of bed edge <ul style="list-style-type: none"> Apply a force of 1 000 N for 5 000 cycles by means of the edge loading pad. Testing shall be carried out on one edge at the middle of the length. The load application point shall be 200 mm from the edge of the top surface of the mattress. During each application maintain the force for (3 ± 1) s. 	P
7.6	Vertical static load test <ul style="list-style-type: none"> Apply a vertical force of 1 400 N downwards using the loading pad. Apply the load ten times at any point of the bed base where failure is considered likely to occur. During each application maintain the load for (10 ± 1) s. 	P
7.7	Vertical static load test of the edge of the bed <ul style="list-style-type: none"> Using two loading pads apply two forces of 1 200 N simultaneously for 1 min on the centre line (M) of the bed frame side member. The loads shall be applied on points 600 mm apart, as shown in Figure 9. <div style="text-align: center;"> <p>Figure 9 – Vertical static load test of the edge of the bed</p> </div>	P

Abbreviation: P = Pass

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification.

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