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Our Ref: BD-93571-S5  
Date: 02 April 2025  
Delivery Date: 12 March 2025  
Test Dates: 14 March - 14 March 2025

For the attention of Ali Rasool

## **SAMPLE(S) SUBMITTED FOR TEST AND IDENTIFIED BY CUSTOMER AS:**

One, Glory Bed

## **TEST(S) AS REQUESTED BY CUSTOMER:**

BS EN 1725: 2023 Domestic Level

## **RESULT:**

Fail^

^See Comments.

Technical report references marked \* indicate this report is supplementary to the previous report with the same reference.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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When a statement of conformity to a test standard is reported the test result(s) are unlikely to be the "true" result(s) due to measurement uncertainty. When the sample is tested under the criteria and conditions as defined in the method and the measured result is outside of the upper/lower acceptance limit and corrected for uncertainty at 95% probability, the risk of a false accept/reject is  $\leq 2.5\%$ . These results will be reported as Pass/Fail. If the test result(s) obtained under the same conditions is close to the upper/lower acceptance limit and could be either side of the accept/reject threshold these results will be reported with a conformance probability.

BD-93571-S5

# TECHNICAL REPORT

## DESCRIPTION

Item: Glory Bed  
Supplied by: **AMANI INTERNATIONAL LTD**  
Number of Photos: Five

| QTY | PART NAME      | MATERIAL        |
|-----|----------------|-----------------|
| 1   | Base x13 Slats | 10mm Thick Wood |
| 1   | Base Frame     | 20mm Thick Wood |
| 1   | Headboard      | 20mm Thick Wood |
| 4   | Legs           | 30mm Thick Wood |
| 3   | Support Legs   | 35mm Thick Wood |
|     | Joints & Bolts |                 |

All dimensions are approximate.

## PRECONDITIONING AND MOISTURE CONTENT

FIRA International cannot validate date of manufacture and therefore it is assumed that at least 4 weeks has elapsed between date of manufacture and delivery to FIRA International.  
Unless otherwise stated on the first page of this report the sample was stored in indoor ambient conditions for at least the minimum duration as required by this standard prior to test.  
Wherever possible timber moisture content is verified prior to test. Where this is not possible the moisture content is assumed to be in the range 8 – 12 %.

# TECHNICAL REPORT

## **BS EN 1725: 2023 – Furniture – Beds – Requirements for Stability, Strength and Durability**

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: Glory Bed

Initial Inspection: No apparent faults

| Clause | Test                                                                                                                                              | Result |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 6.1    | <b>Safety Requirements</b><br>(Clause Ref: BS EN 1725: 2023)                                                                                      |        |
| a      | Edges which are directly in contact with the user are rounded or chamfered;                                                                       | Pass   |
| b      | All other edges accessible during intended use free from burs and/or sharp edges and corners                                                      | Pass   |
|        | Movable and adjustable parts shall be designed so that injuries and inadvertent operations are avoided.                                           | N/A    |
|        | It shall not be possible for any load bearing part of the bed to come loose unintentionally.                                                      | Fail^  |
| 6.2    | <b>Holes in Tubular or Ridged Components</b>                                                                                                      |        |
|        | There shall be no holes in tubular components or holes in ridged components in accessible parts between 8mm & 12mm with a depth greater than 10mm | Pass   |
| 6.3    | <b>Shear &amp; Compression Points</b>                                                                                                             |        |
| 6.3.2  | Shear & compression points when setting up and folding.                                                                                           | N/A    |
| 6.3.3  | Shear & compression points under influence of powered mechanisms.                                                                                 | N/A    |
| 6.3.4  | Shear & compression points during use.                                                                                                            | Pass   |
| 6.4    | <b>Entanglement Hazards</b>                                                                                                                       |        |
| 6.4.2  | Pull cords and similar parts shall have a maximum free length of 220mm when tested in accordance with 6.3.3 – See standard.                       | N/A    |

^See Comments.

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.

# TECHNICAL REPORT

## **BS EN 1725: 2023 – Furniture – Beds – Requirements for Stability, Strength and Durability**

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: Glory Bed

Initial Inspection: No apparent faults

| Clause | Test                                                                                            | Result     |
|--------|-------------------------------------------------------------------------------------------------|------------|
| 6      | <b>Stability, Strength and Durability</b><br>(Clause Ref: ISO 19833: 2018 - *BS EN 13759: 2012) |            |
| 6.2    | Stability test.                                                                                 | Pass       |
| 6.3.1  | Vertical static load on bed base.                                                               | Not Tested |
| 6.3.2  | Vertical static load on side rail.                                                              | Not Tested |
| 6.4.1  | Horizontal static load on headboard of beds ≤1200mm in width.                                   | N/A        |
| 6.4.2  | Horizontal static load on headboard of beds >1200mm in width.                                   | Fail^      |
| 6.4.3  | Horizontal static load test for beds without headboards.                                        | N/A        |
| 6.5.1  | Vertical durability test of bed base.                                                           | Not Tested |
| 6.5.2  | Horizontal durability test of bed frame.                                                        | Not Tested |
| 6.6    | Vertical impact test.                                                                           | Not Tested |
| *5.2   | Durability of sofa-bed function                                                                 | N/A        |
| 6.5    | Durability of electrically operated beds.                                                       | N/A        |
| 7.2    | Durability of mechanisms for lifting bed bases.                                                 | N/A        |

^See Comments.

Not Tested: Due to failure.

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.

# TECHNICAL REPORT

## COMMENTS

The Glory Bed, as previously described, has failed the Horizontal Static Load test for BS EN 1725: 2023 Domestic Level. Upon the third application of a 400 Newton force, it was noted that the right frame support had fractured at the point of joining.

## CONCLUSION

The Glory Bed, as previously described, failed to satisfy the applicable applicable test requirements of BS EN 1725: 2023 Domestic Level.

Tested by:

S Crisp

Reported by:

B Southam

Approved by:

L Haines



Section Head - Structural Testing

# TECHNICAL REPORT



Photo 1 - Glory Bed



Photo 2 - Glory Bed



Photo 3 - Glory Bed - Failure Detail



Photo 4 - Glory Bed - Failure Detail

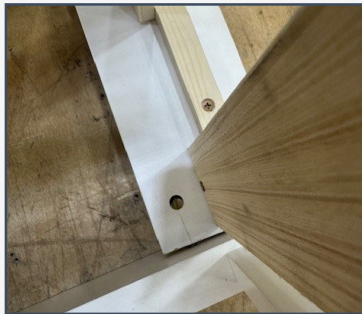


Photo 5 - Glory Bed - Failure Detail

\*\*\*\*\*End of Report\*\*\*\*\*

BD-93571-S5