CAPITAL BEDDING
Since 1969

Handcrafted Mattresses that are “Built to Last!”

For over 55 years, Capital Bedding has been creating the best handcrafted mattresses with a strong focus on quality, comfort, and long-lasting durability. We decided to ask a third-party testing facility to evaluate our best-selling Revere and Rhapsody series and put them through the most vigorous endurance testing in the mattress industry. Intertek Laboratories ran their rollator test for 30,000 cycles and then tried to crush the middle and the sides, and the Revere / Rhapsody came out with virtually no noticeable impact. See the following pages for complete details of the testing results. If you have not added the Revere / Rhapsody yet, be sure to reach out to us for more details or contact your local representative.

CAPITAL BEDDING, INC

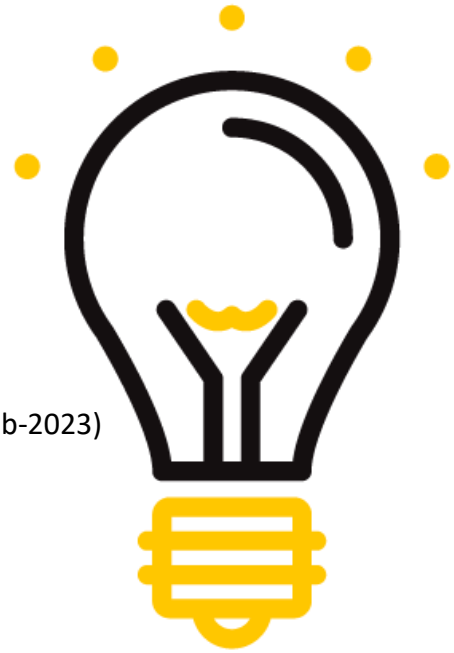
TEST REPORT

SCOPE OF WORK
BS EN 1957:2012 / EN 1334:1996 / BS EN 1725:1998
testing on REVERE PLUSH FLIP QUEEN MATTRESS

REPORT NUMBER
105624080GRR-001A

ISSUE DATE
Dec-18-2023

PAGES
13



DOCUMENT CONTROL NUMBER
Per GRFurn-RT-024 IOS-TM-0008-Report Template (06-Feb-2023)

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TEST REPORT FOR CAPITAL BEDDING, INC

Report No.: 105624080GRR-001A
Date: Dec-18-2023
P.O.: 13050

SECTION 1

CLIENT INFORMATION

Attention: Crystal McGregory
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Richard Houskamp
Project Technician

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SECTION 2

SUMMARY AND CONCLUSION

Date Received: Nov-03-2023
Date(s) Tested: Dec-13-2023 to Dec-17-2023

DESCRIPTION OF SAMPLES

Part Description: REVERE PLUSH FLIP QUEEN MATTRESS
Condition of Test Sample: Packaged in corrugate and plastic bags in new condition
Number of Samples Tested: One (1)

WORK REQUESTED/APPLICABLE DOCUMENTS

BS EN 1957:2012 / EN 1334:1996 / BS EN 1725:1998
Intertek quote: Qu-01401145-1

NO.	STANDARD	SECTION	TEST DESCRIPTION	CONCLUSION
1	EN 1334	6.3	Determination of height of mattresses	Information Only
2	BS EN 1957	7.2	Durability test (30,000 Cycles)	Information Only
3	BS EN 1957	7.3 & 8	Evaluation of characteristic parameters	Information Only
4	BS EN 1725	7.5	Durability of bed edge (5,000 Cycles)	Information Only
5	BS EN 1957	7.3 & 8	Evaluation of characteristic parameters	Information Only

CONCLUSION

The submitted sample conforms with the acceptance criteria of the tests outlined above.

SAMPLE DISPOSITION

After test completion, the sample was dismantled and disposed of per client's request.

TEST EQUIPMENT

ASSET #	DESCRIPTION	LAST CAL	NEXT DUE
138012	Fairbanks beam scale – 0 to 1000lb x 0.25lb	Sep-10-2023	Sep-10-2024
138203	Mattress and Bed Fatigue Tester	NCR	NCR
138204	EN 1334 Check Bar	VBU	VBU
138206	Load / Deflection Machine	Mar-21-2023	Mar-21-2024
138206.1	2KN Load Cell	Mar-21-2023	Mar-21-2024
138208	AX2 Rolling Load Mattress Tester	VBU	VBU
138208.1	European Standard Roller	VBU	VBU
138216	Meter Stick	Dec-29-2022	Dec-29-2025
138354	Edge/Seat Loading Pad	VBU	VBU
138406	Dickson TM320 Temperature & Humidity Logger	Oct-25-2023	Oct-25-2024

SECTION 3

EN 1334 SECTION 6.3 DETERMINATION OF THE HEIGHT OF MATTRESSES AND DIVAN BASES

Date Tested: Dec-13-2023
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES

Part Description: REVERE PLUSH FLIP QUEEN MATTRESS
Number of Samples Tested: One (1)

TEST PROCEDURE

Test Method: Per EN 1334 Section 6.3

Height was measured in accordance with EN 1334

ACCEPTANCE CRITERIA

For customer information purposes only.

RESULTS

SAMPLE ID	HEIGHT OF SAMPLE
REVERE PLUSH FLIP QUEEN MATTRESS	396mm

BS EN 1957 SECTION 7.2 ROLLER DURABILITY TEST

Date Tested: Dec-14-2023 to Dec-16-2023
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES

Part Description: REVERE PLUSH FLIP QUEEN MATTRESS
Number of Samples Tested: One (1)

TEST PROCEDURE

Test Method: Per BS EN 1957 Section 7.2

Applied Load: 1400N ± 7N

Cycle Frequency: 16 ± 2 Cycles Per Minute

Number of Cycles Required: 30,000

Length of Travel of Roller: 500mm

ACCEPTANCE CRITERIA

For customer information purposes only.

RESULTS

SAMPLE ID	NUMBER OF CYCLES	DESCRIPTION OF RESULTS
REVERE PLUSH FLIP QUEEN MATTRESS	30,000	No Observable Damage

The submitted sample showed no lumpiness due to movement in the filling material or tears in seams due to the test. Refer to the following page for photograph.

Roller Durability Test

BS EN 1957 SECTION 7.3 LOAD/DEFLECTION CURVE AND BS EN 1957 SECTION 8 EVALUATION OF CHARACTERISTIC PARAMETERS (CENTER)

Date of Initial Measurement:	Dec-14-2023
Date of Final Measurement:	Dec-16-2023
Location Tested:	Intertek Kentwood, MI

DESCRIPTION OF SAMPLES

Part Description:	REVERE PLUSH FLIP QUEEN MATTRESS
Number of Samples Tested:	One (1)

TEST PROCEDURE

Measurement Method:	Per BS EN 1957 Section 7.3
Evaluation Method:	Per BS EN 1957 Section 8

8.1 Determination of Height Loss
The height loss is the difference between the initial measurement at 100 cycles and after testing.

8.2 Determination of Hardness Value
The hardness value (H) is the average of the slopes of the load/deflection curves at 210N, 275N and 340N.

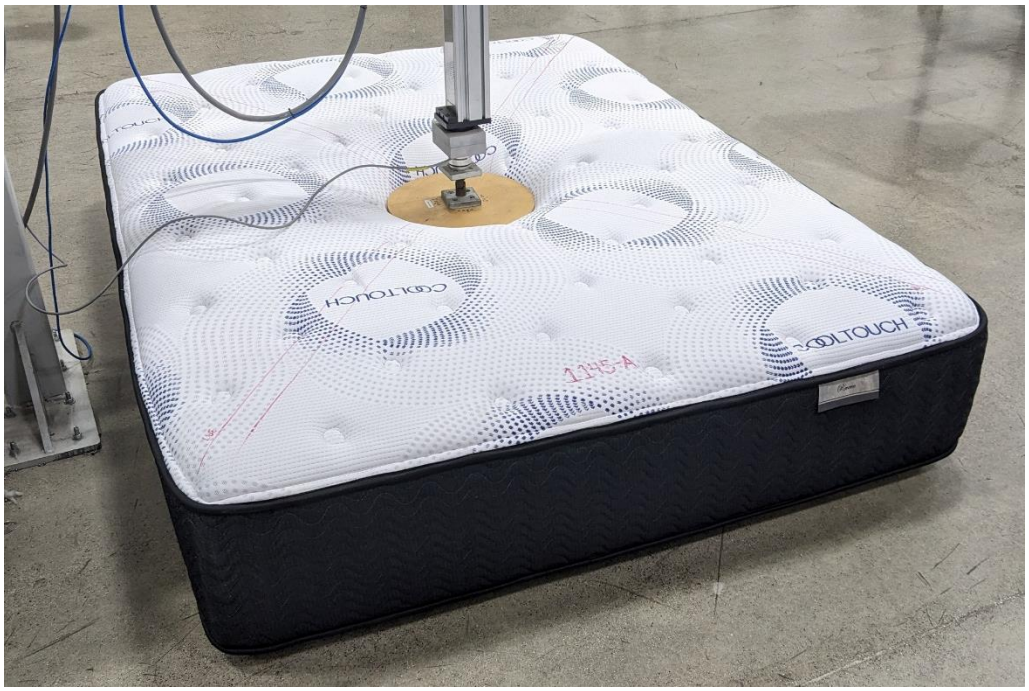
8.3 Determination of Firmness Rating
The firmness rating is a number (1 decimal) on a scale from 1 to 10 which expresses the firmness of a unit.

ACCEPTANCE CRITERIA

For informational purposes only.

RESULTS

The submitted sample was evaluated as described above. Refer to the following page for photograph and characteristic data.



Bed surface, 1145-A	100	30,000	
14-Dec-2023 08 46	mm	mm	Change
Height at 50N	367	363	-4
Height at 450N	311	299	-12
Spring Depth: 50-450N	56	64	8
Hardness value (H)	6.8	6.0	-0.7
Firmness rating (HS)	**5.2**	6.3	1.1

Evaluation of Characteristic Parameters – Center Location

BS EN 1725 SECTION 7.5 DURABILITY OF BED EDGE

Date Tested: Dec-16-2023 to Dec-17-2023
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES

Part Description: REVERE PLUSH FLIP QUEEN MATTRESS
Number of Samples Tested: One (1)

TEST PROCEDURE

Test Method: Per BS EN 1725 Section 7.5

Applied Force: 1,000N

Duration of Applied Force: 3 seconds ± 1 second

Location of Applied Force: 200mm from Edge of Sample at the Middle Length

Number of Cycles: 5,000

ACCEPTANCE CRITERIA

For customer information purposes only.

RESULTS

SAMPLE ID	NUMBER OF CYCLES	DESCRIPTION OF RESULTS
REVERE PLUSH FLIP QUEEN MATTRESS	5,000	No Observable Damage

The submitted sample showed no lumpiness due to movement in the filling material or tears in seams due to the test. Refer to the following page for photograph.

Durability of Bed Edge Test

BS EN 1957 SECTION 7.3 LOAD/DEFLECTION CURVE AND BS EN 1957 SECTION 8 EVALUATION OF CHARACTERISTIC PARAMETERS (EDGE)

Date of Initial Measurement: Dec-16-2023
Date of Final Measurement: Dec-17-2023
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES

Part Description: REVERE PLUSH FLIP QUEEN MATTRESS
Number of Samples Tested: One (1)

TEST PROCEDURE

Measurement Method: Per BS EN 1957 Section 7.3
Evaluation Method: Per BS EN 1957 Section 8

8.1 Determination of height loss
The height loss is the difference between the initial measurement at 100 cycles and after testing.

8.2 Determination of hardness value
The hardness value (H) is the average of the slopes of the load/deflection curves at 210N, 275N and 340N.

8.3 Determination of firmness rating
The firmness rating is a number (1 decimal) on a scale from 1 to 10 which expresses the firmness of a unit.

ACCEPTANCE CRITERIA

For informational purposes only.

RESULTS

The submitted sample was evaluated as described above. Refer to the following page for photograph and characteristic data.

Bed Edge, 1145-A	100	5,000	
16-Dec-2023 07 01	mm	mm	Change
Height at 50N	367	359	-9
Height at 600N	274	261	-13
Spring Depth: 50-600N	93	98	4

Evaluation of Characteristic Parameters – Edge Location

SECTION 4

REVISIONS MADE TO TEST REPORT

DATE	REVISION DESCRIPTION	REVISED BY	REVISED BY	REVIEWED BY
Dec-27-2023		Rich Houskamp