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Standard AS
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Order registered 14.06.2022 nr 11-40/EK/866-1

Response registered 05.07.2022 nr 11-40/EK/866-2

Test Report

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Producer:	Standard AS
Product:	Sofa LAND
Grounds of testing:	Order for testing 14.06.2022
Testing objective:	Determination of strength and durability of chair
Test requirements and methods:	EVS-EN 1022:2005 Furniture – Seating – Determination of stability EVS-EN 16139:2013 Furniture – Strength, durability and safety – Requirements for non domestic seating (Level 1) EVS-EN 1728:2012 Furniture – Seating – Test methods for the determination of strength and durability

Product description

Upholstered blue sofa LAND, dimensions 1520x760x780 mm. Two seats, on one end of the seat there is a wooden arm rest, made out of bent veneer. Legs are solidwood, height 210 mm.



Determination of strength and durability of seat

Test results

Test	Clause of standard	Loads on tested parts	Number of cycles	Test results
Forwards overbalancing	EN 1022 6.2	Vertical load 600 N Horizontal load 20 N	1	Unit is stable.
Sideways overbalancing, all seating with arms	EN 1022 6.5	Vertical arm load 300 N Vertical seat load 250 N Horizontal load 20 N	1	Unit is stable.
Rearwards overbalancing, all seating with backs	EN 1022 6.6	Vertical load 600 N Horizontal load 163 N	1	Unit is stable.
Seat and back static load test	EN 1728 6.4	Seat 1600 N Back 560 N	10	No damages or visible defects.
Seat front edge static load test	EN 1728 6.5	Seat 1300 N	10	No damages or visible defects.
Vertical static load on back	EN 1728 6.6	Back 600 N Seat 1300 N	10	No damages or visible defects.
Arm sideways static load test	EN 1728 6.10	Arm 400 N	10	No damages or visible defects.
Arm downwards static load test	EN 1728 6.11	Arm 750 N	5	No damages or visible defects.
Seat and back durability test	EN 1728 6.17	Seat 1000 N Back 300 N	100 000	No damages or visible defects.
Seat front edge durability test	EN 1728 6.18	Seat 800 N	50 000	No damages or visible defects.
Arm durability test	EN 1728 6.20	Arm 400 N	30 000	No damages or visible defects.
Leg forward static load test	EN 1728 6.15	Force 400 N Seat 1000 N	10	No damages or visible defects.
Leg sideways static load test	EN 1728 6.16	Force 400 N Seat 1000 N	10	No damages or visible defects.
Seat impact test	EN 1728 6.24	Drop height: 240 mm	10	No damages or visible defects.
Back impact test	EN 1728 6.25	Height of fall, ° : 38	10	No damages or visible defects.
Arm impact test	EN 1728 6.26	Height of fall, ° : 38	10	No damages or visible defects.

Remarks:

- Results are valid only for tested product.

(signed digitally)

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