
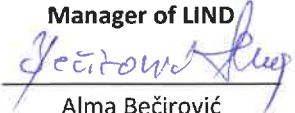




TEST REPORT

PI / 03 / 24

(LIND identification mark)

Customer and address: YIELD D.O.O. Generala Mehmeda Alagica 4 i 6 71000 Sarajevo	Number from ZEDA Protocol book		LIND identification mark of test item PI / 03 / 24	
	Input number: 05-1-38-874/23	Output number: 05-1-38-874-3/23		
Test item:	Furniture - non - domestic seating - A chair " Book Armchair "			
Standards:	In accordance with ZEDA offer No. 05-1-38-874-1/23 dated on 22.11.2023. and test order YIELD d.o.o. dated on 04.01.2024., testing a chair " Book Armchair " is performed according to requirements of standards: - BAS EN 16139:2014 + BAS EN 16139/Cor1:2014 - Furniture - Strength, durability and safety - Requirements for non - domestic seating (EN 16139:2013, identical + EN 16139:2013/AC:2013, identical).			
Test results:	According to the test results we can conclude that test item PI / 03 / 24 is: FULFILLED the requirements of specified standards.			
Comment:	Test results are given in the Annex of Test report PI / 03 / 24.			
Test report is made by: Manager of LIND  Alma Bečirović	Date of issuing: 16.02.2024.		Approved by: Director of ZEDA Agency  Senad Pašalić	Page 1 / 1

BAS EN ISO/IEC 17025



LI-74-01

" EA MLA signatory "

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OL7-08-01-2



LIND - Accredited laboratory for performing mechanical test of furniture, playground equipment and construction joinery

TEST RESULTS – PI / 03 / 24

PRODUCT DATA

Title of the product /test item: Furniture - non - domestic seating - A chair "Book Armchair"	Dimensions: Chair height: 819 mm Seat height: 440 mm Seat width: 420 mm Seat depth: 442 mm Back width: 390 mm
Material of the product/ test item:	Construction: plasticized steel tube Ø18x2. The backrest, armrest and seat are made of veneered chipboard. Plastic plugs on legs.
Description of the product/ test item:	Furniture - non - domestic seating - a chair with armrests.
Date of the test item receipt:	25.01.2024.
Air-conditioned:	Od 25.01.2024. do 26.01.2024.

Images of test item – Furniture - non - domestic seating - A chair " Book Armchair "



TEST RESULTS – Furniture - non - domestic seating - A chair " Book Armchair "

Test according to the clause of standard:	Requirements of standard					Result	Requirements fulfilled YES/NO
	Number of cycles/time	Value and unit	Weight (kg)	Adjustability		
BAS EN 16139:2014 + BAS EN 16139/Cor1:2014 Furniture - Strength, durability and safety - Requirements for non-domestic seating							
4 Safety							
4.1 General	/	According to standard a) to e)	/	/	/	/	YES
4.2.3 Shear and squeeze points	/	Without shear and squeeze points	/	/	/	/	YES
4.3 Stability – 4.3.1. General	Fulfilled requirements of a) to e)					/	YES
4.3.3 Non swivelling chairs	Fulfilled requirements of EN 1022					/	YES
BAS EN 1022:2020 – Domestic furniture – Seating – Determination of stability							
7.3.1. Forwards overturning, all seating	5 s	600 N Horiz. force 20 N	/	60 mm behind the edge	Force over t.	F = 75 N	YES
7.3.3. Corner stability test	5 s	300 N	/	/	Force over t.	F = 157 N	YES
7.3.5. Sideways overturning, all other seating 7.3.5.2 Seating with arm rests	5 s	250 N 350 N Horiz. force 20 N	/	According to standard	Force over t.	F = 84 N	YES
7.3.6. Rearwards overturning, all seating with back rests	5 s	s b b 600 N 80 N F=0,2857x(1000-H)	/	Seat height: H≥720 mm H<720 mm	F _{pr} = 159, 9 N	F = 240 N	YES

TEST RESULTS – continuation – Furniture - non - domestic seating - A chair “ Book Armchair “

Test according to the clause of standard:	Requirements of standard					Result	Requirements fulfilled YES/NO
	Number of cycles/time	Value and unit	Weight (kg)	Adjustability		
BAS EN 16139:2014 + BAS EN 16139/Cor1:2014 Furniture - Strength, durability and safety - Requirements for non-domestic seating							
4.5 Safety of the construction	If the requirements of clause 6. of standard are fulfilled - Table 1.					/	YES
5. Safety, strength and durability requirements	If the requirements of this clause of standard and the requirements of Table 1 are fulfilled					/	YES
6. Test methods - Test order according to the Table 1 of standard BAS EN 16139:2014 + BAS EN 16139/Cor1:2014 (EN 1728:2012/BAS EN 1728:2020))							
Table 1 - Safety, strength and durability tests							
Ord.No. from Table 1	Test	Number of cycles	Loading	Level		Result	Requirements fulfilled YES/NO
				L1	L2		
1.	6.4 Seat and back static load test	10	Seat: Back:	1.600 N 560 N (min. 410 N)	2.000 N 700 N (min. 410 N)	10 x	YES
2.	6.5 Seat front edge static load test	10	Force:	1.300 N	1.600 N	10 x	YES
3.	6.6 Vertical static load on back	10	Force: Seat load:	1.300 N 600 N	1.800 N 900 N	10 x	YES
5.	6.10 Arm sideways static load test	10	Force:	400 N	900 N	10 x	YES
6.	6.11 Arm downwards static load test	5	Force:	750 N	900 N	5 x	YES
7.	6.13.1, 6.13.2 Vertical upwards static load on arm rests	10 during ≥ 10 s	Seat load:	250 N or lift stack with max 8 chairs of max 25 kg	1200 N	10 x	YES
8.	6.17 Seat and back durability test	100.000	Cycles: Seat: 1.000 N Back: 300 N (min. force not defined)	100.000 x	200.000 x	100.000 x	YES
9.	6.18 Seat front edge durability test	50.000	Cycles: 800 N	50.000 x	100.000 x	50.000 x	YES
10.	6.20 Arm durability test	30.000	Cycles: 400 N	30.000 x	60.000 x	30.000 x	YES
12.	6.15 Leg forward static load test	10	Force: Seat:	500 N 1.000 N	620 N 1.800 N	10 x	YES
13.	6.16 Leg sideways static load test	10	Force: Seat:	400 N 1000 N	760 N 1.800 N	10 x	YES
14.	6.24 Seat impact test	10	Drop height:	240 mm	300 mm	10 x	YES
15.	6.25 Back impact test	10	Height of fall/mm/°	210/38	330/48	10 x	YES
16.	6.26 Arm impact test	10	Height of fall/mm/°	210/38	330/48	10 x	YES
Remark: L1 for general use; L2 for extreme use; For detail explanation see Annex B of standard BAS EN 16139:2014 + BAS EN 16139/Cor1:2014							
7. Information for use	in accordance with standard requirements					/	YES
LEGEND:	YES – requirement fulfilled; NO – requirement not fulfilled; / - not requested; X – a requirement of standard not tested s – seat; b – back; r – armrest						

Ambient conditions during test:

1. Temperature: from 18,8 °C to 20,3 °C - Requirement of standard fulfilled: **YES / NO**
2. Relative humidity: from 40,5 % to 41,2 % - Requirement of standard fulfilled: **YES / NO**

Deviations from standard requirements: There were no deviations from standard requirements.

Remarks: /

OL7-02-03-1

Date of test start: 26.01.2024.

Date of test completion: 14.02.2024.

Test performed and working order filled by:

Samel Ibric / Emir Caplja

Test performer

Place for stamp:

ZEDA 2

Checked/Approved by:

Alma Bečirović

Manager of LIND