





Nr. LA.01.060

VšĮ FURNITEST Furniture Testing Centre is accredited by Lithuanian National Accreditation Bureau for tests of furniture safety, furniture materials and determination of formaldehyde content Certificate No. LA.01.060

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## TEST REPORT No. BBC 24-180

27 05 2024 Vilnius

Determination of strength, durability and safety for

Lay Low Pouffe

Customer UAB Fischer International
Address of customer Siūlų g. 1, LT-45202 Kaunas
Application for test A 24-089-3, date 23 04 2024

Date of receive test object 23 04 2024, sampling was made by the Customer

Indication of normative document EN 16139:2013 including corrigendum

EN 16139:2013/AC:2013, EN 1728:2012

including corrigendum EN 1728:2012/AC:2013,

Viešoji įstaiga URNITES

EN 1022:2023

Date of test 17 05 2024 (beginning) 27 05 2024 (end)

## Conclusion

Lay Low Pouffe complies with the standard EN 16139:2013 (Furniture – Strength, durability and safety – Requirements for non-domestic seating) level of test severity L1 requirements, except for the clause 7 Information for use.

Information for use was not supplied, clause 7 was not tested.

## **Test object**

Lay Low Pouffe with soft seat. Pouffe is made of (21x45) mm cross section pine wood components, 15 mm thickness OSB and 3 mm thickness fibre board. Soft part is made of foam. All external parts of pouffe are upholstered with fabric.

External dimensions of pouffe are: length 880 mm, width 630 mm, height 365 mm.

The description is provided for information purposes and can only be considered as informative. Sample delivered to the laboratory assembled. No visual defects were noted upon delivery of the sample.

**FURNITES** 

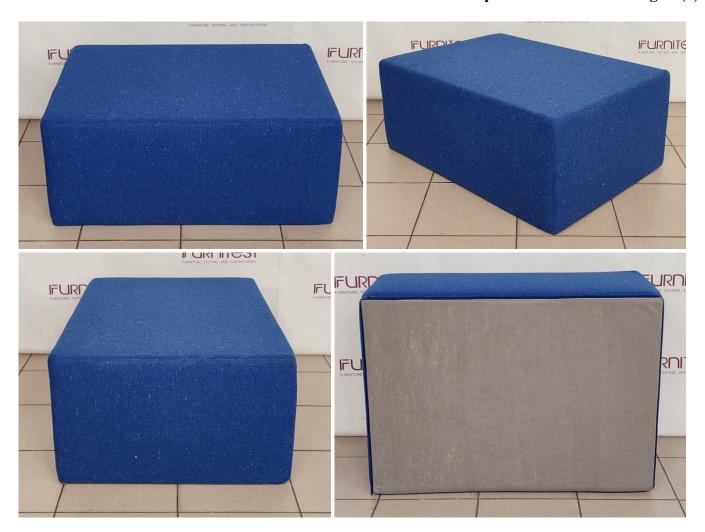


Figure 1. Lay Low Pouffe

## Normative documents for requirements and test methods

EN 16139:2013 including corrigendum EN 16139:2013/AC:2013 Furniture – Strength, durability and safety – Requirements for non-domestic seating.

EN 1728:2012 including corrigendum EN 1728:2012/AC:2013 Domestic furniture. Seating. Test methods for the determination of strength, and durability.

EN 1022:2023 Furniture - Seating - Determination of stability.

Test forces, masses, dimensions and angles are targeted at the nominal values specified. The numerical results are reported without taking into consideration the measurement uncertainty. Uncertainty of measurement values are available upon request.

Lay Low Pouffe was stored in the laboratory room at least 24 h prior testing. The tests were carried out in normal indoor ambient conditions at the temperature of (20±5)°C.

**Table 1.** Lay Low Pouffe test results

	Table	1. Lay Low Pouffe test results		1
Reference	Test and parameters	Requirements	Remarks	Test result*
4 Safety, EN	16139:2013	EN 16139:2013, 4.1		
4.1	General			
4.1	All parts of the seating with which the user comes into contact, during intended use This requirement is met when:	shall be designed to ensure that physical injury and damage are avoided		
	- accessible corners	shall be rounded or chamfered	no remarks	pass
	- edges of seat, back rest and arm rests which are in contact with the user when sitting in the chair	shall be rounded or chamfered	no remarks	pass
	- the edges of handles in the direction of the force applied	shall be rounded or chamfered		N/A
	- all other edges accessible during use	shall be free from burrs and rounded or chamfered	no remarks	pass
	- ends of hollow components	shall be closed or capped		N/A
	Movable and adjustable parts	shall be designed so that injuries and inadvertent operation are avoided		N/A
	Load bearing part of the seating to come loose unintentionally	shall not be possible	no remarks	pass
	All parts that are lubricated to assist sliding	shall be designed to protect users from lubricant stains when in normal use		N/A
4.2	Shear and squeeze points	EN 16139:2013, 4.2.1, 4.2.2, 4.2.3		1
4.2.1	Shear and squeeze points when setting up and folding  The edges of parts moving relative to each other and creating shear and	unless 4.2.2 or 4.2.3 are applicable, because the user can be assumed to be in control of his movements and to be able to cease applying the force immediately on experiencing pain. shall be as specified in 4.1, 4.2.1		N/A
4.2.2	squeeze points  Shear and squeeze points under influence of powered mechanisms	shall be no shear and squeeze points created by parts of the seating		N/A
4.2.3	Shear and squeeze points during use	shall be no shear and squeeze points created by forces applied during normal use as well as during normal movements and actions	no remarks	pass
4.3.3 Stabilit	y, EN 16139:2013	EN 16139:2013, 4.3.1, 4.3.3, 5		1
	All seating other than loungers, eads – All other seating,			
7.3.1, EN 1022:2023	Forwards overturning - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of 20 N	the seating shall not overturn (EN 1022:2023, 7.2)	no remarks	pass
7.3.2, EN 1022:2023	Forwards overturning for seating with foot rests - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of 20 N		Nos Viale	N/A

Table 1. (continued)

7.3.3,   Corner stability   -force F   of 300 N     -force F   of 300 N     -force F   of 300 N     -force F   of 600 N     -force F   of 500 N     -force F   of 20 N     -force F   of 500 N     -force F   of 20 N     -force F   of 800 N     -force Of 410 N     -force Of 410 N     -force Of 410 N     -force Of 600 N   -force O	Reference	Test and parameters	Table 1. (continued)  Requirements	Remarks	Test result*
FN 1022:2023   -force F <sub>1</sub> of 300 N		•	-		
7.3.4, Sideways overturning, all seating without arms				no remarks	pass
Second   S			(E1 (1022.2023, 7.2)	no remarks	pass
- force F <sub>2</sub> of 20 N, - 1 cycle  7.3.5, Sideways overturning, all other seating - force F <sub>1</sub> of 250 N, - force F <sub>3</sub> of 30 N, - force F <sub>3</sub> of 20 N  7.3.6, Rearwards overturning, all seating with back rests - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of N  7.4.2 Tilting seating - number of discs: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of balancing discs: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4  1. Seat and back static load test - seat; force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5  2. Seat front edge static load test - force of 1300 N, - 10 times  6.8  3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6, 9  4. Foot rest and leg rest static load  N					F
- 1 cycle  7.3.5, Sideways overturning, all other seating - force F <sub>1</sub> of 250 N, - force F <sub>2</sub> of 350 N, - force F <sub>2</sub> of N  7.4.2, Tilting seating - number of dises: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of balancing dises: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of dises – back: 8, - number of balancing dises: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of dises: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012  6.5 EN 1728:2012 - Core of 1300 N, - 10 times  6.6 B 3. Vertical static load on back EN 1728:2012 - Seat load of 1300 N, - force of 600 N, - 10 times  6.8, 9, 9  4. Foot rest and leg rest static load  B 3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 9, 9  4. Foot rest and leg rest static load  B 3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - 10 times  B 3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - force of 500 N, - force of		- force F <sub>1</sub> of 600 N,			
7.3.5. Sideways overturning, all other seating - force F <sub>1</sub> of 250 N, - force F <sub>2</sub> of 350 N, - force F <sub>2</sub> of 20 N  7.3.6. Rearwards overturning, all seating with back rests - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of N  7.4.2 Tilting seating - number of discs: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of discs - back: 8, - number of discs - back: 8, - number of discs - back: 8, - number of discs: 3 - 1 cycle  7.4.4. Reclining seating without leg rest - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.5. Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity 1.1  6.4 I. Seat and back static load test - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 Z. Seat front edge static load test - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 9, 9 4. Foot rest and leg rest static load  N					
EN 1022:2033 seating - force F <sub>1</sub> of 250 N, - force F <sub>2</sub> of 350 N, - force F <sub>3</sub> of 20 N  7.3.6, EN 1022:2018 With back rests - force F <sub>3</sub> of 600 N, - force F <sub>3</sub> of 800 N, - force f <sub>3</sub> 600 N, - force of 600 N, - forc					
- force F <sub>1</sub> of 250 N, - force F <sub>2</sub> of 30 N, - force F <sub>3</sub> of 20 N  7.3.6, EN 1022:2018 Rearwards overturning, all seating with back rests - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of N  7.4.2 Tilting seating - number of discs: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of balancing discs: 3 - 1 cycle  7.4.5, EN 1022:2023 Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012 Seat front edge static load test - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 2. Seat front edge static load test EN 1728:2012 - force of 1300 N, - 10 times  6.6 3. Vertical static load on back EN 1728:2012 - force of 600 N, - f					N/A
- force F <sub>3</sub> of 30 N, - force F <sub>3</sub> of 20 N  7.3.6, Rearwards overturning, all seating with back rests - force F <sub>3</sub> of 600 N, - logitimes  N  N  N  N  N  N  N  N  N  N  N  N  N	EN 1022:2023				
7.3.6, Rearwards overturning, all seating with back rests - force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of N  7.4.2 Tilting seating - number of discs: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of balancing discs: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 1. Seat and back static load test - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 2. Seat front edge static load test - force of 1300 N, - 10 times  6.6 3. Vertical static load on back EN 1728:2012 - seat: load of 1300 N, - force of 600 N, - force of 600 N, - 10 times  6.8, 6.9 4. Foot rest and leg rest static load  6.8 5 4. Foot rest and leg rest static load on safter removal of the test loads					
7.3.6, EN 1022:2018 with back rests - force F <sub>2</sub> of N  7.4.2 Tilting seating - number of discs: 13, -1 cycle  7.4.3, EN 1022:2023 - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of balancing discs: 3 - 1 cycle  7.4.5, EN 1022:2023 Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 I. Seat and back static load test - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 J. Seat front edge static load test - force of 1300 N, - 10 times  6.6 J. O times  6.7 J. O times  6.8 J. O times  6.9 J. O times  6.9 J. O times  6.9 J. O times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.9 J. O times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.9 J. O times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.9 J. Foot rest and leg rest static load on back - seat load of 1300 N, - force of 600 N, - 10 times					
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- force F <sub>1</sub> of 600 N, - force F <sub>2</sub> of N  7.4.2  Tilting seating - number of dises: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of balancing dises: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of dises - back: 8, - number of balancing dises: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of dises: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4  EN 1728:2012  6.5  7.5  8. Seat front edge static load test - seat: force of 1600 N, - 10 times  6.6  8. Vertical static load on back EN 1728:2012  - force of 1300 N, - 10 times  6.6  8. Vertical static load on back EN 1728:2012  - force of 600 N, - 10 times  6. Seat load of 1300 N, - 10					1 1/11
Tilting seating		- force F <sub>1</sub> of 600 N,			
EN 1022:2023 - number of discs: 13, - 1 cycle  7.4.3, Reclining seating with leg rest - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of balancing discs: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6. Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 1. Seat and back static load test - seat: force of 1600 N, - 10 times  6.5 2. Seat front edge static load test - force of 1300 N, - 10 times  6.6 3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9 4. Foot rest and leg rest static load  6.8, 6.9 4. Foot rest and leg rest static load  7.4.4, Reclining seating with leg rest - number of discs: 8, - number of discs: 3 - 1 cycle  8. Relining seating with leg rest - number of discs: 8, - number of discs: 9, - lock: 8, - number of discs: 8, - number of discs: 8, - number of discs: 9, - lock: 8, - number of discs: 9, - lock: 8, - number of discs: 9, - lock: 9, - loc		- force F <sub>2</sub> of N			
7.4.3, EN 1022:2023 Reclining seating with leg rest - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of discs - back: 8, - number of discs: 8 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4					N/A
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- number of balancing discs: 3 - 1 cycle  7.4.4, Reclining seating without leg rest - number of discs - back: 8, - number of discs - back: 8, - number of balancing discs: 3 - 1 cycle  7.4.5, Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012 - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5					N/A
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Reclining seating without leg rest - number of discs – back: 8, - number of balancing discs: 3 - 1 cycle   Nearwards stability for rocking chairs - number of discs: 8 - 1 cycle					
EN 1022:2018	7.4.4.				N/A
- number of balancing discs: 3 - 1 cycle  7.4.5, EN 1022:2023 Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012 Seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012 Constant of the process of the p		- number of discs – back: 8,			1 1/11
7.4.5, EN 1022:2023   Rearwards stability for rocking chairs   number of dises: 8   -1 cycle    6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4   1. Seat and back static load test   - seat: force of 1600 N,   - back: force of 560 N (min. force of 410 N),   -10 times   - 10 t					
chairs - number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012  1. Seat and back static load test - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012  2. Seat front edge static load test - force of 1300 N, - 10 times  6.6 3. Vertical static load on back EN 1728:2012 - seat load of 1300 N, - force of 600 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  Note that is a feat, strength and durability requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  Note that is a feat, strength and durability requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads					
- number of discs: 8 - 1 cycle  6 Safety, strength and durability, EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012  6.5 EN 1728:2012  6.5 EN 1728:2012  6.6 3. Vertical static load on back EN 1728:2012 - seat load of 1300 N, - force of 600 N, - force of 600 N, - 10 times  6.8 EN 1728:2012  6.8 EN 1728:2012  6.8 FOR 1728:2012  6.9 FOR 1728:2013, 5  FOR 16139:2013, 5  FOR 16149:2013, 5  FOR 16139:2013, 5  FOR 16149:2013, 5  FOR 1					N/A
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EN 16139:2013, table 1, level of test severity L1  6.4 EN 1728:2012  - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012  - seat front edge static load test - force of 1300 N, - 10 times  6.6 EN 1728:2012  - seat load of 1300 N, - force of 600 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  - seat load of test severity L1  - seat; force of 1600 N, - requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  No. 10 times	6 Cofoty sty		EN 16120-2012 5		
EN 1728:2012 - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012 - force of 1300 N, - 10 times  6.6 3. Vertical static load on back EN 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  N  N  N  N  N  N  N  N  N  N  N  N  N			EN 10137.2013, 3		
EN 1728:2012 - seat: force of 1600 N, - back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012 - force of 1300 N, - 10 times  6.6 3. Vertical static load on back EN 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  N  N  N  N  N  N  N  N  N  N  N  N  N	6.4	Seat and back static load test	safety, strength and durability	no remarks	pass
- back: force of 560 N (min. force of 410 N), - 10 times  6.5 EN 1728:2012 - force of 1300 N, - 10 times  6.6 EN 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  No during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads				110 Tollian KS	Pass
of 410 N), - 10 times  6.5 EN 1728:2012  6.6 Sex t front edge static load test - force of 1300 N, - 10 times  6.6 Sex t load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads  No seat load of 1300 N, - force of 600 N, - 10 times  A. Foot rest and leg rest static load  No seat load  N					
6.5 EN 1728:2012   Comparison of the test of 1300 N,   Comparison of 1300 N,		of 410 N),			
EN 1728:2012 - force of 1300 N, - 10 times c) no major structural element is  6.6 3. Vertical static load on back EN 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times d) the seating fulfils its functions after removal of the test loads  6.8, 6.9 4. Foot rest and leg rest static load  Note the seating fulfils its functions after removal of the test loads  Note the seating fulfils its functions after removal of the test loads					
- 10 times  C) no major structural element is significantly deformed;  Seat load of 1300 N,  Force of 600 N,  10 times  C) no major structural element is significantly deformed;  d) the seating fulfils its functions after removal of the test loads  6.8, 6.9  4. Foot rest and leg rest static load  N				no remarks	pass
6.6 3. Vertical static load on back - seat load of 1300 N, - force of 600 N, - 10 times  6.8, 6.9 4. Foot rest and leg rest static load  Significantly deformed; d) the seating fulfils its functions after removal of the test loads  N	EN 1728:2012	,			
EN 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  d) the seating fulfils its functions after removal of the test loads  N.  N.  N. 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  N. 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times  N. 1728:2012 - seat load of 1300 N, - force of 600 N, - 10 times					21/4
- force of 600 N, - 10 times  6.8, 6.9  4. Foot rest and leg rest static load  N					N/A
- 10 times  6.8, 6.9  4. Foot rest and leg rest static load  N					
6.8, 6.9 4. Foot rest and leg rest static load N					
T3V 1500 0010	6.8. 6.9		1		N/A
EN 1/28:2012   test	EN 1728:2012	test			1 1/1 1
- force of 1300 N,					
- 10 times					
6.10 5. Arm sideways static load test N		5. Arm sideways static load test			N/A
EN 1728:2012 - force of 400 N,	EN 1728:2012	I		28	RESC
- 10 times		- 10 times		1303	

Table 1. (continued)

Test and parameters  6. Arm downwards static load test - force of 750 N, - 5 times  7. Vertical upwards static load on arm rests - seat load of 250 N, - lift 10 times during ≥ 10 s  8. Seat and back durability test - seat force of 1000 N, - back force of 300 N, - 100 000 cycles  9. Seat front edge durability test - force of 800 N, - 50 000 cycles	safety, strength and durability requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions after removal of the test loads	no remarks	N/A N/A pass
- force of 750 N, - 5 times  7. Vertical upwards static load on arm rests - seat load of 250 N, - lift 10 times during ≥ 10 s  8. Seat and back durability test - seat force of 1000 N, - back force of 300 N, - 100 000 cycles  9. Seat front edge durability test - force of 800 N, - 50 000 cycles	requirements are fulfilled when during and after testing: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions	no remarks	N/A
arm rests - seat load of 250 N, - lift 10 times during ≥ 10 s  8. Seat and back durability test - seat force of 1000 N, - back force of 300 N, - 100 000 cycles  9. Seat front edge durability test - force of 800 N, - 50 000 cycles	member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the seating fulfils its functions	no remarks	
8. Seat and back durability test - seat force of 1000 N, - back force of 300 N, - 100 000 cycles 9. Seat front edge durability test - force of 800 N, - 50 000 cycles	significantly deformed; d) the seating fulfils its functions	no remarks	pass
- force of 800 N, - 50 000 cycles			
10 A 11 '1'		no remarks	pass
10. Arm durability test - force of 400 N, - 30 000 cycles			N/A
11. Foot rest durability test - force of 1000 N, - 50 000 cycles			N/A
12. Leg forward static load test - seat load of 1000 N, - force of 500 N - 10 times			N/A
13. Leg sideways static load test - seat load of 1000 N, - force of 400 N, - 10 times			N/A
14. Seat impact test - drop height of 240 mm, - 10 times		no remarks	pass
15. Back impact test - height of fall 210/38 mm/°,		no remarks	pass
16. Arm impact test - height of fall 210/38 mm/°, - 10 times			N/A
17. Drop test (multiple seating) - drop height: not applicable for level L1,			N/A
18. Auxiliary writing surface static load test - force of 300 N, - 10 times			N/A
			N/A
- - 1 - - - 1 1 - - - 1 1 1 - -	force of 500 N  10 times  3. Leg sideways static load test seat load of 1000 N, force of 400 N,  10 times  4. Seat impact test drop height of 240 mm,  10 times  5. Back impact test height of fall 210/38 mm/°,  10 times  6. Arm impact test height of fall 210/38 mm/°,  10 times  7. Drop test (multiple seating) drop height: not applicable for evel L1,  2 x 5 times  8. Auxiliary writing surface static oad test force of 300 N,	force of 500 N  10 times  3. Leg sideways static load test seat load of 1000 N, force of 400 N,  10 times  4. Seat impact test drop height of 240 mm,  10 times  5. Back impact test height of fall 210/38 mm/°,  10 times  6. Arm impact test height of fall 210/38 mm/°,  10 times  7. Drop test (multiple seating) drop height: not applicable for evel L1,  2 x 5 times  8. Auxiliary writing surface static oad test force of 300 N,  10 times  9. Auxiliary writing surface	force of 500 N 10 times 3. Leg sideways static load test seat load of 1000 N, force of 400 N, 10 times 4. Seat impact test drop height of 240 mm, 10 times 5. Back impact test height of fall 210/38 mm/°, 10 times 6. Arm impact test height of fall 210/38 mm/°, 10 times 7. Drop test (multiple seating) drop height: not applicable for evel L1, 2 x 5 times 8. Auxiliary writing surface static oad test force of 300 N, 10 times

Table 1. (end)

Reference	Test and parameters	Requirements	Remarks	Test result
7 Informatio	n for use EN 16139:2013	EN 16139:2013, 7		J
7	Information for use	shall be available in the language of the country in which it will be delivered to the end user.  It shall contain at least the following details:  a) information regarding the intended use; b) if the chair is fitted with adjusting mechanisms: instruction for operating the adjusting mechanisms; c) assembly instructions, where applicable; d) instruction for the care and maintenance of the chair; e) if the seating is fitted with castors: information on the choice of castors in relation to the floor surface; f) if the seating is fitted with adjustment mechanisms comprising an energy accumulator, an additional note is required pointing out that only instructed personnel may replace and maintain adjustment mechanisms containing energy accumulators	Information for use was not provided	N/T

<sup>\*</sup>N/A: not applicable for this product design, N/T: not tested

Head of Furniture Testing Center

Manvydas Mickus

Tests were carried out

Laimonas Staškūnas

The test results relate only to the tested item.

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