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Certificate No. LA.01.060

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TEST REPORT No. BBC 20-235

09 09 2020 Vilnius

Determination of stability, strength, durability for *Tambour cabinet 1200x470x1200H mm*

Customer DROMEAS SA

Address of customer Industrial Area of Serres, 62121 Serres, Greece

Application for test No. A 20-111-4, date 27 08 2020

Date of receive test object 27 08 2020

Manufacturer name DROMEAS SA

Indication of normative document EN 14073-2:2004, EN 14073-3:2004,

EN 14074:2004,

EN 16121:2013+A1:2017, test severity 1, EN 16122:2012 including correction

EN 16122:2012/AC:2015

Date of test 31 08 2020 (beginning) 09 09 2020 (end)

Conclusion

Tambour cabinet 1200x470x1200H mm complies EN 14073-2:2004 "Office furniture - Storage furniture - Part 2: Safety requirements" requirements and complies with the standard EN 16121:2013+A1:2017 (Nondomestic storage furniture - Requirements for safety, strength, durability and stability), test severity 1 requirements.

Test object

Tambour cabinet 1200x470x1200H mm with two horizontal roll fronts and removable shelves. Top wall is made of 19 mm thickness finished plywood. Side and rear walls, shelves are made of 1,5 mm thickness sheet metal. Roll fronts and their sliding mechanisms are made of plastic. Shelves are fixed on four metal supports in V shape and are pressed on top with rubberized fasteners. There are four helical supports for height adjustment fixed at the bottom of storage. External dimensions of storage are: length 1205 mm, depth 470 mm, height 1195 mm.

Viešoji istaiga methods for "FURNITEST"



Figure 1. Tambour cabinet 1200x470x1200H mm

Normative documents and test methods

EN 14073-2:2004 Office furniture - Storage furniture - Part 2: Safety requirements.

EN 14073-3:2004 Office furniture - Storage furniture - Part 3-Test methods for the determination of

stability and strength of the structure.

EN 14074:2004 Office furniture – Tables and desks and storage furniture - Test determination of strength and durability of moving parts.

Unless otherwise stated, the following tolerances are applicable to the test equipment:

- forces: + 5 % of the nominal force;
- velocities: \pm 5 % of the nominal velocity;
- masses: + 1 % of the nominal mass;
- dimensions: + 1 mm of the nominal dimension;
- angles: $\pm 2^{\circ}$ of the nominal angle.

The accuracy for the positioning of loading pads shall be ± 5 mm.

Tambour cabinet 1200x470x1200H mm was stored in the laboratory room before the tests were performing. The tests were carried out in normal indoor ambient conditions at the temperature of (20±5)°C.

Test apparatuses

Apparatus 241MP certificate No. 22, apparatus 259P certificate No. 23.

Table 1. *Tambour cabinet 1200x470x1200H mm* test results according to EN 14073-2:2004 requirements

Standard	Test and method, loads	Requirements	Test results	Pass/Fail or N/A*
EN 14073	-2:2004 General safety requirements	EN 14073-2:2004		
3.4	Accessible edges and corners	shall be free from burrs and rounded or chamfered, there shall be no open ended tubes, 3.4	no remarks	pass
	All movable parts accessible during normal use	shall have safety distances in any position during movement of ≤ 8 mm or ≥25 mm, 3.4	no remarks	pass
	Adjustable parts	shall be such as to prevent inadvertent operation or release, 3.4		N/A
	Vertically sliding roll fronts	shall not close by themselves from any position higher than 200 mm measured from the closed position, 3.4		N/A
	Extension elements - horizontal force of 200 N	shall have effective open stops, shall resist being pulled out of the carcass, 3.4		N/*A
	-3:2004 Stability and strength	EN 14073-2:2004		
5.2	Strength of unit - horizontal force of 350 N, 10 times two stage cycle A,B followed by C,D	shall be no fracture, other damage or change of function that affects safety, shall not slide under the applied force, 3.5.2	no remarks	pass
5.3	Shelves (1015x395) mm	Height of the centre of gravity - 60 mm, total mass - 60,1 kg Safety tests are not applicable ¹		
5.3	Shelves (1015x365) mm	Height of the centre of gravity - 815 mm, total mass – 58,6 kg Safety tests are applicable		
5.3.1	Pull out of shelves, Force – 50 % of unloaded shelf weight, shelf weight – 3,04 kg - force of 15 N	shall be no fracture, other damage or change of function that affects safety, the shelf shall remain in the unit, 3.5.2	no remarks	pass
5.3.2	Strength of shelf supports - impact plate of 2,5 kg; - load of 55,6 kg; - 10 times		no remarks	pass
5.3	Shelves (1205x470) mm	Height of the centre of gravity - 1195 total mass – 85kg Safety tests are applicable	mm,	e i
5.3.1	Pull out of shelves, Force – 50 % of unloaded shelf weight, shelf weight - force	shall be no fracture, other damage or change of function that affects safety, the shelf shall remain in the unit, 3.5.2	Viešoji įstaig	151

Table 1. (continued)

Standard	Test and method, loads	Requirements	Test results	Pass/Fail or N/A*
5.3.2	Strength of shelf supports - impact plate of 2,5 kg; - load of 85 kg; - 10 times		no remarks	pass
5.4	Strength of top surfaces (H ≤ 1000) mm - vertical force of 1000 N; - 10 times	shall be no fracture, other damage or change of function that affects safety, 3.5.2		N/A
5.5	Stability of free standing units			
5.5.1	Stability of the unloaded unit - all doors, extension elements and flaps open - vertical force of 50 N	shall be no fracture, other damage or change of function that affects safety, the unit shall not overturn, 3.5.2	no overturns	pass
5.5.2	Stability of the loaded unit - all doors, extension elements and flaps open - vertical force of 50 N		no overturns	pass
5.6	Screen and wall hanging units			1
5.6.2	Dislodgment of screen and wall hanging cabinets and shelves - upwards force of 100 N	the unit shall remain attached as mounted and shall support the test load, 3.6.2		N/A
5.6.4	Strength of screen and wall attachment devices - total load - loading time one week	the unit shall remain attached as mounted and shall support the test load, 3.6.2		N/A
5.7	Floor standing unit attached to the building - horizontal outwards force of 200 N	shall be no fracture, other damage or change of function that affects safety, the unit shall remain attached to the building, 3.5.2		N/A
	2004 Strength and durability of	EN 14073-2:2004		•
moving pa				
6.2	Extension elements			
6.2.1	Strength of extension elements - vertical force of 250 N, - total mass	shall be no fracture, other damage or change of function that affects safety, 3.5.2		N/A
6.2.2	Durability of extension elements - load - 50 000 cycles			N/A
6.2.3	Slam open of extension elements - weight and string system - load in extensions element - mass of the hanging weight - 10 times	shall be no fracture, other damage or change of function that affects safety, the extension element shall not fall out of the unit, 3.5.2		N/A
6.2.4	Interlock test - horizontal force of 200 N - 10 times	shall be no fracture, other damage or change of function that affects safety, the extension element shall remain closed, 3.5.2		N/A

Viešoji įstaiga

Table 1. (end)

Standard	Test and method, loads	Requirements	Test results	Pass/Fail or N/A*
6.3	Hinged or pivoted doors			
6.3.1	Vertical load on doors - load of 30 kg; - 10 times	shall be no fracture, other damage or change of function that affects safety, the door shall remain attached to the unit, 3.5.2		N/A
6.3.2	Horizontal static force on open door - horizontal force of 80 N - 10 times	shall be no fracture, other damage or change of function that affects safety, 3.5.2		N/A
6.3.3	Durability test on hinged and pivoted door - load of 2 kg; - 50 000 cycles			N/A
6.4	Sliding doors and horizontal roll fronts	Height of the centre of gravity - 605 Safety tests are not applicable ¹	mm	
6.4.1	Durability test of sliding doors and horizontal roll fronts - roll fronts: 20 000 cycles	shall be no fracture, other damage or change of function that affects safety, 3.5.2	no remarks	pass
6.4.2	Slam shut/open of sliding doors and horizontal roll fronts - mass required to move door - 10 times			N/A
EN 14074: moving pa	2004 Strength and durability of	EN 14073-2:2004		
6.5	Vertical roll fronts			
6.5.1	Durability of vertical roll fronts - 20 000 cycles	shall be no fracture, other damage or change of function that affects safety, 3.5.2		N/A
6.6	Flaps			
6.6.1	Strength of flaps - downward static force of 250 N; - 10 times	shall be no fracture, other damage or change of function that affects safety, 3.5.2		N/A
6.6.2	Durability of flaps - 20 000 cycles			N/A
6.7	Rolling test for mobile filing pedestals - 2 000 cycles			N/A

Remarks, comments

*N/A: not applicable for this product design

¹ – safety tests are not applicable because component does not fall under 3.1 Principles of Safety Requirements of EN 14073-2:2004.

Table 2. *Tambour cabinet 1200x470x1200H mm* test results according EN 16121:2013+A1:2017 requirements

Clause,	Test and method, loads	Requirements	Test results	Pass/Fail
Standard 5.2 General safet	<u> </u>	EN 16121:2013+A1:2017	tega tagun telebahan selatahan 1 gerapatan dalah selatah	N/A or N/T*
EN 16121:2013+		21 10121.2013 1711.2017		
5.2	All parts of the storage unit with which the user comes into contact, during intended use This requirement is met when:	shall be designed that physical injury and damage are avoided, 5.1		
	a) the accessible parts and all other edges	the accessible parts shall be rounded or chamfered, and all other edges accessible during intended use are free from burrs and sharp edges, 5.2	no remarks	pass
	b) feet of tubular components	shall be capped or otherwise closed, 5.2		N/A
	c) open ends of tubular components, accessible during intended use	shall be capped or otherwise closed 5.2	no remarks	pass
	Movable and adjustable parts	shall be designed so that injuries and inadvertent operation are avoided, 5.2	no remarks	pass
	All parts which are lubricated to assist sliding	shall be designed to protect users from lubricant stains when in normal use, 5.2		N/A
	All roll fronts and doors sliding vertically including those constructed from hinged elements	shall not move by themselves from any position higher than 200 mm measured from the closed position.		N/A
	Pinching points for feet	the safe height for vertically moving units shall be at least 100 mm from the floor, 5.2		N/A
	Extension elements - horizontal force 200 N	shall not become detached from the unit, 5.2		N/A
5.3 Shear and squ EN 16121:2013+		EN 16121:2013+A1:2017		
5.3.1	Shear and squeeze points when setting up and folding	unless 5.3.2 or 5.3.3 are applicable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain. 5.3.1		N/A
5.3.2	Shear and squeeze points under influence of powered mechanism	with the exception of the operation of doors, flaps and extension elements, including their hardware, there shall be no shear and squeeze points created by parts of the storage unit operated by powered mechanisms, i.e. springs, gas lifts and motorised systems. 5.3.2		N/A
5.3.3	Shear and squeeze points during use	with the exception of the operation of doors, flaps and extension elements, including their hardware, there shall be no shear and squeeze points created by forces applied during normal use, 5.3.3	no remarks	pass RESPLATEST pass RESPLATEST

Table 2. (continued)

Classes		le 2. (continued)		D/E-21
Clause, Standard	Test and method, loads	Requirements	Test results	Pass/Fail N/A or N/T*
5.4 Hinged horiz		EN 16121:2013+A1:2017		
EN 16121:2013+			_	
5.4	Hinged horizontal lids	shall be provided with lid- support mechanisms to prevent sudden collapse or dropping of the lid, 5.4	no remarks	pass
5.5 Vertical glass EN 16121:2013+		EN 16121:2013+A1:2017		
5.5	Vertical glass components	Any external, vertical glass		N/A
3.3	vertical glass components	component >0,1 m ² in area, where the smallest dimension is greater than or equal to 200 mm and any part of which is less than 900 mm above the floor, shall not break or become detached, 5.5		N/A
5.6 Stability, EN	16121:2013+A1:2017, table 3	EN 16121:2013+A1:2017		
5.6.1 (EN 16122:2012, 11.2.1)	Doors, extension elements and flaps closed, all storage units unloaded - Units that are, or can be, adjusted to a height of 1000 mm or less Vertical force of 750 N	shall not overturn, 5.6		N/A
5.6.2 (EN 16122:2012, 11.2.2)	Doors, extension elements and flaps closed, all storage units unloaded - Units that are, or can be, adjusted to a height of more than 1 000 mm Vertical force – 350 N, Outward force – 50 N		no remarks	pass
5.6.3 (EN 16122:2012, 11.3)	All storage areas unloaded and all doors, extension elements and flaps open Horizontal force, which is just sufficient to open doors, extension elements and flaps			N/A
5.6.3 (EN 16122:2012, 11.4.1)	All storage areas unloaded and all doors, extension elements and flaps open		no remarks	pass
5.6.4 (EN 16122:2012, 11.4.2)	All storage areas unloaded with overturning load Vertical force 100 N			N/A
5.6.5 (EN 16122:2012, 11.4.3)	All storage areas loaded with overturning load, all storage units loaded Vertical force - 20 % of total mass of the unit but not greater than 300 N			N/A
5.6.6 (EN 16122:2012, 11.5)	Doors, extension elements and flaps closed and locked, all storage units loaded - Outward force 100 N		no remarks	pass
5.6.7 (EN 16122:2012, 11.6)	Dynamic stability test for units with castors, storage areas loaded		Viešoji i	N/A staiga

Table 1. (continued)

Clause, Standard	Test and method, loads	Requirements	Test results	Pass/Fail N/A or N/T*
5.7 Structural safety, EN 16121:2013+A1:2017, table 4		EN 16121:2013+A1:2017		
5.7.1.1 (EN 16122:2012, 6.2.2)	Static load test for tops and bottoms Force – 750 N, Cycles - 10	a) shall be no fractures of any member, joint or component, b) units attached to the structure of the building shall remain attached and carry the test load, c) the storage unit fulfils the stability requirements (5.6), 5.7.2		N/A
Shelves (10515x3)	65) mm	Height of the centre of gravity - 81 Shelf weight – 3,04 kg, Safety tests		– 58,6 kg
5.7.1.2 (EN 16122:2012, 6.1.2)	Shelf retention test – horizontal outward Force – 50 % of unloaded shelf weight, force – 15 N Shelf weight – 3,14 kg	a) shall be no fractures of any member, joint or component, b) units attached to the structure of the building shall remain attached and carry the test load,	no remarks, shelf is fixed rigidly	pass
5.7.1.3 (EN 16122:2012, 6.1.3)	Shelf retention test – vertical downward Force – 100 N	c) the storage unit fulfils the stability requirements (5.6), 5.7.2	no remarks	pass
5.7.1.4 (EN 16122:2012, 6.1.5)	Strength of shelf supports Cycles – 10 Mass per unit area – 0,65 kg/dm² Load on shelf – 24,1 kg Steel impact plate No. 1 (1,7 kg)		no remarks	pass
Pivoted door				
5.7.1.5 (EN 16122:2012, 7.1.2)	Vertical load on pivoted doors Mass – 30 kg Cycles – 10	a) shall be no fractures of any member, joint or component,b) units attached to the structure		N/A
5.7.1.6 (EN 16122:2012, 7.1.3)	Horizontal load on pivoted doors Force – 60 N Cycles – 10	of the building shall remain attached and carry the test load, c) the storage unit fulfils the stability requirements (5.6), 5.7.2		N/A
Bottom-hinged fla	aps			
5.7.1.7 (EN 16122:2012, 7.3.1)	Strength of bottom-hinged flaps Force – 200 N Cycles – 10	a) shall be no fractures of any member, joint or component, b) units attached to the structure of the building shall remain attached and carry the test load, c) the storage unit fulfils the stability requirements (5.6), 5.7.2		N/A
Extension elemen) 1 111 C		37/4
5.7.1.8 (EN 16122:2012, 7.5.2)	Strength of extension elements Force – 200 N Cycles – 10	a) shall be no fractures of any member, joint or component,b) units attached to the structure		N/A
5.7.1.9 (EN 16122:2012, 7.5.4)	Slam open of extension elements Weight and string system Factor K – 2,5 Mass in drawers – 0,2 kg/dm ³	of the building shall remain attached and carry the test load, c) the storage unit fulfils the stability requirements (5.6), 5.7.2		N/A
5.7.1.10 (EN 16122:2012, 7.5.6)	Interlock test Force – 200 N Cycles - 10			N/A
5.7.1.11 (EN 16122:2012, 6.4.1)	Test for structure and underframes Force – 350 N Cycles – 10			pass RESPLATION

Table 1. (continued)

Clause, Standard Test for unit with castors or wheels (EN 16122-2012, 64.3) Test for unit with castors or wheels (EN 16122-2012, 64.3) a) shall be no fractures of any member, joint or component, b) units attached to the structure of the building shall remain attached and carry the test load, c) the stronge unit fulfils the stability requirements (5.6), 5.7.2 N/A 5.7.1.14 Displacement test Force = 100 N (2.7) (1.14) Units supported by the floor Force 200 N Stability requirements (5.6), 5.7.2 N/A 6.N 16122-2012, 10.1.9 Units supported by the floor Force 200 N EN 16121:2013+A1:2017 N/A 6.1.1 Strength of clothes rail supports (EN 16122-2012, Force per hock -4 O N Cycles - 10 b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no fractures of any member, joint or component, b) there shall be no	CI	T an	le 1. (continued)		D /E 1
(EN 16122-2012, Cycles = 2 000 Disable test Strength of clother stricture Strength and durability, EN 16122-2012, Force = 100 N Disable test Strength of clother stricture Strength and durability, EN 16122-2012, Force = 100 N Disable test Porce = 200 N Disable test Porce = 100 N Disable test Disable te	Clause, Standard	Test and method, loads	Requirements	Test results	Pass/Fail N/A or N/T*
5.4.3 Cycles = 2 000	5.7.1.12	Test for unit with castors or	a) shall be no fractures of any		N/A
S.7.1.13 Coverload test Mass per unit area = 2.5 kg/dm² 10.1.3 City 10.1.4 City		1			
(RN 16122-2012, 10.3) 5.7.1.14 (EN 16122-2012, 10.14) 6.1.11 (EN 16122-2012) (EN 16122-2012, 10.2) 6.1.2 (EN 16122-2012) (EN 16122-2012, 10.2) 6.1.3 (EN 16122-2012, 10.3) 6.1.4 (EN 16122-2012, 10.3) 6.1.5 (EN 16122-2012, 10.3) 6.1.6 (EN 16122-2012, 10.3) 6.1.7 (EN 16122-2012, 10.3) 6.1.8 (EN 16122-2012, 10.3) 6.1.9 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.13 (EN 16122-2012, 10.3) 6.1.14 (EN 16122-2012, 10.3) 6.1.15 (EN 16122-2012, 10.3) 6.1.16 (EN 16122-2012, 10.3) 6.1.17 (EN 16122-2012, 10.3) 6.1.18 (EN 16122-2012, 10.3) 6.1.19 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.10 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.2 (EN 16122-2012, 10.3) 6.1.3 (EN 16122-2012, 10.3) 6.1.4 (EN 16122-2012, 10.3) 6.1.5 (EN 16122-2012, 10.3) 6.1.6 (EN 16122-2012, 10.3) 6.1.7 (EN 16122-2012, 10.3) 6.1.8 (EN 16122-2012, 10.3) 6.1.9 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.11 (EN 16122-2012, 10.3) 6.1.12 (EN 16122-2012, 10.3) 6.1.13 (EN 16122-2012, 10.3) 6.1.14 (EN 16122-2012, 10.3) 6.1.15 (EN 16122-2012, 10.3) 6.1.16 (EN 16122-2012, 10.3) 6.1.17 (EN 16122-2012, 10.3) 6.1.18 (EN 16122-2012, 10.3) 6.1.19 (EN 16122-2012, 10.3) 6.1.2 (EN 16122-2012, 10.3) 6.1.3 (EN 16122-2012, 10.3) 6.1.4 (EN 16122-2012, 10.3) 6.1.5 (EN 16122-2012, 10.3) 6.1.6 (EN 16122-2012, 10.3)					
10.1.3 S.7.1.14 Dislodgement test Force - 100 N 10.1.41 Dislodgement test Force - 100 N 10.1.42 Dislodgement test Force - 100 N 10.1.41 Dislodgement test Force - 100 N 10.1.42 Dislodgement test Force - 100 N 10.1.43 Dislodgement test Force - 100 N 10.1.40 Dislodgement test Force - 100 N 10.2.10 Dislodgement test Force - 200 N 10.2.10 Dislodgement test Force - 100 N 10.2.10 Dislodgement test Force - 200 N 10.2.10 Dislodgement test Dislodgement test Shidt Dislodgement test Shidt Dislodgement test Shidt Dislodgement test Shidt Disloggement test		1			N/A
S.7.1.14 CEN 16122:2012, Force 100 N		Mass per unit area – 2.5 kg/dm ²			
EN 16122:2012, Force 100 N		2:11			27/1
10.1.4) 5.7.1.15 Units supported by the floor Force = 200 N			stability requirements (5.6), 5.7.2		N/A
1.15		Force – 100 N			
RN 16122:2012, Force - 200 N		Units symmetred by the floor	-		NI/A
10.2) EN 16121:2013+A1:2017 EN 16121:2012, G.1.1 G.1.2 Strength of coth hooks Cycles - 10 Strength of coat hooks Cycles - 10 Cycles - 40 000 Cycles - 40 000 Cycles - 10 Slam shut test of pivoted doors Cycles - 10 Slam shut test of pivoted doors Cycles - 10 Slam shut open of sliding doors and horizontal roll fronts Slam shut/open of sliding doors and horizontal roll fronts Slam shut/open of sliding doors and horizontal roll fronts Sliding doors, cycles - 20 000 Roll fronts, cycles - 10 000 Cycles - 10 Cycles -					IN/A
Strength and durability, EN 16121:2017, table 5, Test severity 1		1 orce – 200 iv			
Strongth of clothes rail supports All 12212012, Amas par unit length A - 0 kg/dm Time 1h Strength of coat hooks Force per hook A0 N Cycles 10 Cycl		 rahility	FN 16121-2013+A1-2017		
Strength of clothes rail supports Any Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Time - 1h N/A Mass per unit length - 4.0 kg/dm Mass per unit length - 4.0 kg/dm M/A Mass per unit length - 4.0 kg/dm M/A	EN 16121:2013+A		EN 10121.2013 A1.2017		
(EN 16122:2012, Ass per unit length - 4.0 kg/dm Time - 1h the reshall be no loosening of joints intended to be rigid, 2) the storage unit fulfils the stability requirements (5.6), d) the storage unit fulfils the stability requirements (5.6), d) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the test loads, c) the storage unit shall fulfil its functions after removal of the					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					N/A
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9.1) Cycles – 10 6.1.3 Durability of pivoted doors (EN 16122:2012, 7.1.4) Cycles – 10 6.1.5 Slam shut test of pivoted doors (EN 16122:2012, 7.2.2) Mass m_2 – 3 kg Cycles – 10 6.1.6 Class m_2 – 40 m_2 moremarks 6.1.7 Durability of flaps (EN 16122:2012, 7.3.2) Cycles – 10 6.1.7 Durability of flaps (EN 16122:2012, 7.3.2) Cycles – 10 6.1.8 (EN 16122:2012, 7.3.2) Extension elements (EN 16122:2012, 7.3.2) Cycles – 10 000 6.1.10 (EN 16122:2012, 7.3.2) Cycles – 10 000 6.1.2 Durability of sterical roll fronts (EN 16122:2012, 7.3.2) Cycles – 10 000 6.1.10 (EN 16122:2012, 7.5.3) Trays, cycles – 20 000 6.1.10 (EN 16122:2012, 7.5.4) Durability of extension elements (EN 16122:2012, 7.5.4) Slam shut of extension elements (EN 16122:2012, 7.5.4) Displacement of extension elements of elements of elements of elements of element of extension elements of element of element of element of elements of element of ele			joints intended to be rigid,		N/A
6.1.3 Durability of pivoted doors Cycles – 40 000 Cycles –					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					NT/A
Slam shut test of pivoted doors Mass m ₂ - 3 kg Slam shut test of pivoted doors Mass m ₂ - 3 kg Cycles - 10					N/A
6.1.4 (EN 16122:2012, 7.2.2) Slam shut test of pivoted doors (EN 16122:2012, 7.2.3) Slam shut open of sliding doors and horizontal roll fronts (EN 16122:2012, 7.2.3) Sliding doors, cycles -10 Ourability of sliding doors and horizontal roll fronts (EN 16122:2012, 7.3.2) Sliding doors, cycles -10 Ourability of flaps (Cycles -10 000 Roll fronts, cycles -10 000 Purability of vertical roll fronts (EN 16122:2012, 7.3.2) Sliding doors, cycles -10 000 Purability of vertical roll fronts (EN 16122:2012, 7.3.2) Sliding doors, cycles -10 000 Purability of vertical roll fronts (EN 16122:2012, 7.3.2) Sliding doors, cycles -10 000 Purability of vertical roll fronts (EN 16122:2012, 7.3.3) Slam shut $35 \text{ kg} - 1,00 \text{ m/s}$ Slam shut $35 \text{ kg} - 1,30 \text{ m/s}$ Slam shut $35 \text{ kg} - 1,30 \text{ m/s}$ Slam shut $35 \text{ kg} - 1,00 \text{ m/s}$ Mass in drawers -0.2 kg/dm^3 Slam shut $35 \text{ kg} - 1,00 \text{ m/s}$ Cycles -10 Oispancement of extension element buttoms Force -60 N Cycles -10	,	Cycles – 40 000	and the control of th		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Slam shut test of nivoted doors			N/A
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					IN/A
6.1.5 (EN 16122:2012, 7.2.2) Slam shut/open of sliding doors and horizontal roll fronts Mass $m_2 - 4$ kg Cycles = 10 6.1.6 (EN 16122:2012, 7.2.3) Durability of sliding doors and horizontal roll fronts Sliding doors, cycles = 20 000 Roll fronts, cycles = 10 000 6.1.7 (EN 16122:2012, 7.3.2) 6.1.8 (EN 16122:2012, 7.4.2) Durability of vertical roll fronts (EN 16122:2012, 7.5.3) Purability of extension elements (EN 16122:2012, 7.5.3) A 0000 Trays, cycles = 20 000 6.1.10 (EN 16122:2012, 7.5.4) Slam shut of extension elements Velocity, m/s at calibration points Slam open 5 kg = 1,30 m/s Slam shut 35 kg = 1,00 m/s Mass in drawers = 0,2 kg/dm³ 6.1.11 (EN 16122:2012, 7.5.5) Displacement of extension element bottoms Force = 60 N Cycles = 10					
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Cycles - 10		1			
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Roll fronts, cycles - 10 000	(EN 16122:2012,				
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Durability of extension elements Extension elements Extension elements, cycles - 40 000 Trays, cycles - 20 000		Cycles – 10 000			
$(EN 16122:2012, \\ 7.5.3) \qquad Extension elements, cycles - \\ 40 000 \\ Trays, cycles - 20 000 \\ \hline \\ 6.1.10 \qquad Slam shut of extension elements \\ (EN 16122:2012, \\ 7.5.4) \qquad Velocity, m/s at calibration \\ points \\ Slam open 5 kg - 1,30 m/s \\ Slam shut 35 kg - 1,00 m/s \\ Mass in drawers - 0,2 kg/dm^3 \\ \hline \\ 6.1.11 \qquad Displacement of extension \\ (EN 16122:2012, \\ 7.5.5) \qquad Porce - 60 N \\ Cycles - 10 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $		Durability of automaics -1	-		NT/A
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7.5.4) points $ Slam \text{ open 5 kg} - 1,30 \text{ m/s} $ $ Slam \text{ shut 35 kg} - 1,00 \text{ m/s} $ $ Mass \text{ in drawers} - 0,2 \text{ kg/dm}^3 $ $ (EN 16122:2012, \\ 7.5.5) Displacement of extension $ $ element \text{ bottoms} $ $ Force - 60 \text{ N} $ $ Cycles - 10 $		1			1,771
$\begin{array}{c} Slam \ open \ 5 \ kg - 1,30 \ m/s \\ Slam \ shut \ 35 \ kg - 1,00 \ m/s \\ Mass \ in \ drawers - 0,2 \ kg/dm^3 \\ \hline 6.1.11 & Displacement \ of \ extension \\ (EN \ 16122:2012, \\ 7.5.5) & Porce - 60 \ N \\ Cycles - 10 & \\ \hline \end{array}$,	1			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$,				
Mass in drawers - 0,2 kg/dm ³					
6.1.11 Displacement of extension element bottoms Force - 60 N Cycles - 10					
7.5.5) Force – 60 N Cycles – 10		Displacement of extension			N/A
Cycles – 10		1			REC
Cycles – 10	7.5.5)	1		103	300
		Cycles – 10		1/2/	135/

Table 2. (end)

Clause, Standard	Test and method, loads	Requirements	Test results	Pass/Fail N/A or N/T*
6.1.12 (EN 16122:2012, 7.6.2)	Strength test for locking and latching mechanisms for extension elements Force – 200 N Cycles – 10	a) there shall be no fractures of any member, joint or component,b) there shall be no loosening of joints intended to be rigid,c) the storage unit fulfils the		N/A
6.1.13 (EN 16122:2012, 7.6.3)	Strength test for locking and latching mechanisms for doors, flaps and roll fronts Force – 200 N Cycles – 10	stability requirements (5.6), d) the storage unit shall fulfil its functions after removal of the test loads, e) there shall be no deflection of	no remarks	pass
6.1.14 (EN 16122:2012, 6.4.2)	Drop test Drop height – 50 mm Not applicable for test severity 1	shelves that exceeds 0,5 % of the span of the shelf,(6.1.15), 6.2		N/A
6.1.15 (EN 16122:2012, 6.1.4)	Deflection of shelves Mass per unit area – 1.5 kg/dm ² Load on shelf – 55,6 kg		no remarks	pass
6.1.16 (EN 16122:2012, 6.3.2)	Dislodgement of clothes rails Mass per unit length – 5 kg/dm			N/A
6.1.17 (EN 16122:2012, 8.3)	Drop test for trays Drop height – 350 mm Cycles – 10			N/A
6.1.18 (EN 16122:2012, 8.2)	Sustained load test for trays Mass – 0.65 kg/dm ³			N/A
7 Information for	use, EN 16121:2013+A1:2017	EN 16121:2013+A1:2017		
Remarks, commen	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, with reference to the test severity where appropriate; b) assembly instructions, where applicable; c) instructions for the care and maintenance of the storage furniture, where applicable	Information for use was not provided	N/T

* N/A: not applicable for this product design, N/T: not tested

Head of furniture testing center

Manvydas Mickus

Tests were carried by

FURNITEST

Laimonas Staškūnas

The test results is relate only to the tested items.

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