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Fürth, April 30/2021

TEST REPORT No. FUHLFP2021-01194-1

Date sample received: February 18/2021
Period of testing: February 18/2021 - April 30/2021
Technical Director: Kerstin Scharrer

Test item	
Product identification	Product pictures
Product: Conference Table	
Model name: RBM Eminent	
Item No.: 4590	
Type: square	
Content of order:	Test requirements for GS-
Standard, test specifications:	DIN EN 15372:2017-02 Furniture - Strength, durability and safety - Requirements for non-domestic tables; German version EN 15372:2016
Test result	Requirement met
Reviewed by: Intertek Consumer Goods GmbH  Laborleitung Hardlines / Lab Manager Hardlines Frank Urbich	Tested by: Intertek Consumer Goods GmbH  Sachverständiger / Technical Expert Tobias Reißmann

Order details

Date of order
2021-02-18
Sample ID
P2021-01194-1
Reception of the test sample, Testing place
2021-02-18 - Intertek Consumer Goods GmbH
Number of the sample item
1 sample
Testing date
2021-02-18 – 2021-04-30
Product and technical documents
- assembly Instructions
Applicability of measurements
The test results refer solely to the samples tested. The digital pictures shown in this report are for additional information only and are not part of this report.
Scope of the investigations:
<ul style="list-style-type: none">DIN EN 15372:2017-02 Furniture - Strength, durability and safety - Requirements for non-domestic tables; German version EN 15372:2016



Test equipment list

The test equipment list contains a list of the measuring tools used and measuring equipment, gauges, templates and load weights that were used in accordance with the scope of the investigations. Testing machines and devices as well as any connections that are necessary for the performance of tests are not an integral part of the test equipment list.

The following test equipment were available for testing in accordance with the scope of the investigations:

Test clause	Test equipment	Equipment.no.
General tests	Digital scale 150 kg	PM_HL_18.314
General tests	Steel ruler 500 mm	PM_HL_19.328
General tests	Tape measure 10000 mm	PM_HL_19.329
General tests	Digital calliper	PM_HL_17.044
Loading tests	Dynamometer 1000 N	PM_HL_17.026
Strength test	Weight 1 kg x 50	PM_HL_18.005
Strength test	Plunger Ø 100 mm	PM_HL_18.266
Strength test	plate 1	PM_HL_18.420
Strength test	Digital timer	PM_HL_17.375
Strength test	Loading disc 10 kg	PM_HL_18.230
Strength test	Loading disc 10 kg	PM_HL_18.231
Strength test	Loading disc 10 kg	PM_HL_18.232
Strength test	Loading disc 10 kg	PM_HL_18.233
Loading tests	Dynamometer 1.000 N	PM_HL_17.026
Strength test	Pressure force-measuring cell 5 kN	PM_HL_18.358
Strength test	Pressure force-measuring cell 5 kN	PM_HL_18.359
Strength test	Pressure force-measuring cell 5 kN	PM_HL_18.360
Strength test	Pressure force-measuring cell 5 kN	PM_HL_18.361
Strength test	Weight bag 10 x a' 10 kg	PM_HL_18.062
Strength test	Weight bag 10 x a' 1 kg	PM_HL_18.064



Summary of results

Results of the assigned tests		
Normative requirements		
Evaluation		
DIN EN 15372:2017-02		
5.1	General requirements	P
5.2	Shear and squeeze points	P
5.3	Stability	P
5.4	Strength and durability	P
6	Information for use	P
Legends - key to findings		
* =	Test method is not part of the accreditation scope	LoQ = limit of quantification
** =	Outsourcing	CS = Combined sample
n.a.	not applicable	P = passed
=		F = failed
n.t.=	not tested	~ = Place marker
n.d.=	Not determinable (< LoQ)	



Product description	
Product	Conference Table
Product characteristics general	
Depth (mm) :	800
Height (mm):	740
Width (mm):	800
Weight (kg):	18.9
Product information	
Conference Table with square table top	
Material	
top made of particle board t = 23 mm	
frame made of steel tube \varnothing 38 mm	
Connections	
Screws	



Product pictures



Picture 1: Front View



Picture 2: Back view



Picture 3: Label

Technical Tests

Test method/Requirements	Test parameter/Results	Verdict
<p>DIN EN 15372:2017-02</p> <p>5.1 General requirements The table shall be designed so as to minimize the risk of injury to the user.</p> <p>All parts of the table with which the user comes into contact during intended use, shall be designed so that physical injury and damage are avoided.</p> <p>This requirement is met when:</p> <ul style="list-style-type: none"> edges of table tops which are directly in contact with the user are rounded or chamfered, all other edges accessible during intended use are free from burrs and/or sharp edges, ends of hollow components with a diameter greater than 7 mm and less than 12 mm where the accessible depth is greater than 10 mm, are closed or capped. <p>Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall not be possible for any load bearing part of the table to come loose unintentionally.</p> <p>All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use</p>	<p>Requirements met</p> <p>physical injury and damage are avoided.</p> <p>rounded</p> <p>free from burrs and/or sharp edges,</p> <p>fulfils</p> <p>not available</p> <p>not available</p>	<p></p> <p>P</p> <p>P</p> <p>P</p> <p>n.a.</p> <p>n.a.</p>



Test method/Requirements	Test parameter/Results	Verdict
<p>5.3 Stability 5.3.1 Stability under vertical load 5.3.1.1 General</p> <p>When assessing the stability of a table, reference shall be made to EN 1730:7.1 Tables that can be set to heights both above and below 950 mm shall be tested to both 5.3.1.2 and 5.3.1.3.</p> <p>5.3.1.2 Test for tables that are or can be set to a height of 950 mm or less The table shall be set to the height most likely to overturn the table, but not more than 950 mm. The table shall not overturn when tested according to EN 1730:2012, 7.2.2 using the forces specified within Table 2.</p> <p>5.3.1.3 Test for tables that are or can be set to a height greater than 950 mm The table shall be set to the height most likely to cause overturning, but not less than 950 mm. The table shall not overturn when tested according to EN 1730:2012, 7.2.3 using 50 % of the forces specified within Table 2.</p> <p>5.3.2 Stability for tables with extension elements Load each extension element with the load specified in Table 1.</p> <p>The table shall not overturn when tested according to EN 1730:2012, 7.3 using the forces specified within</p>	<p>Requirements met</p> <p>Information</p> <p>Requirements met</p> <p>h =</p> <p>Requirements not applicable</p> <p>h =</p> <p>Requirements not applicable</p> <p>h =</p>	

Table 1 — Loads in extension elements

Component	Load
Extension elements designed for suspended filing only	4,0 kg/dm ³
Other extension elements	0,5 kg/dm ³



Test method/Requirements	Test parameter/Results	Verdict
<p>5.4 Strength and durability 5.4.1 General</p> <p>Tables shall be tested for strength and durability according to, and in the order given in, Table 2.</p> <p>The guidance for selecting level L1, L2 or L3 with due respect for the end use of the product is given in Annex B.</p> <p>Type 1 tables have a main surface 600 mm or more above the floor surface and a surface area greater than 0,25 m². All other tables are considered as Type 2.</p> <p>5.4.2 Strength and durability requirements</p> <p>The strength and durability requirements are fulfilled when after testing in accordance with Table 2:</p> <ul style="list-style-type: none"> • there are no fractures of any member, joint or component, • there are no loosening of joints intended to be rigid, • table fulfils its functions after removal of the test loads, • table fulfils the safety requirements contained in 5.1, 5.2 and 5.3. <p>6 Information for use</p> <p>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:</p> <ul style="list-style-type: none"> a) information regarding the intended use, see Annex B; b) assembly instructions, where applicable; c) instructions for the maintenance of the table, if applicable. 	<p style="text-align: center;">Information</p> <p>see page 10</p> <p>L 1</p> <p>A = 0,64 m² h = 740 mm</p> <p style="text-align: center;">Requirements met</p> <p>no fracture</p> <p>no loosening of joints</p> <p>function given</p> <p>fulfils</p> <p style="text-align: center;">Requirements met</p> <p>fulfils</p> <p>fulfils</p> <p>fulfils</p>	<p></p> <p></p> <p></p> <p></p> <p>P</p> <p>P</p> <p>P</p> <p>P</p> <p></p> <p></p> <p>P</p> <p>P</p> <p>P</p>



Table 2: Strength and durability

Test description	Test clause	Load	Requirement / Finding	Verdict
Strength tests (Test level 1)	5.4	Reference to EN 1730:2012		
1. Horizontal static load test	6.2 (EN 1730)	Type 1 Force: 400 N 50 kg load 10 times	No breaks, no loss of serviceability	P
2. Vertical static load test	6.3.1 (EN 1730)	Force: 1000 N 10 times	No breaks, no loss of serviceability.	P
3. Additional vertical static load test for main table top > 1600 mm length	6.3.2 (EN 1730)	--	Test level 1	n.a.
4. Vertical static load on extensions	6.3.3 (EN 1730)	F: 200 N 10 times	No extension	n.a.
5. Horizontal durability test	6.4.1 & 6.4.2 (EN 1730)	F: 300 N 50 kg load 10.000 times	No breaks, no loss of serviceability	P
6. Vertical durability test for cantilever or pedestal tables	6.5 (EN 1730)	F: 300 N 10.000 times	No breaks, no loss of serviceability	P
7. Vertical impact test of glass tables	6.6.1 & 6.6.2 (EN 1730)	Drop height 1: 140 mm Drop height 2: 180 mm 10 times	No glass	n.a.
8. Vertical impact of other tables	6.6.1 & 6.6.3 (EN 1730)	Drop height 1: 140 mm 10 times	No breaks, no loss of serviceability	P
9. Drop test for tables with a weight of > 20 kg	6.9 (EN 1730)	Nominal drop height: 100 mm	No breaks, no loss of serviceability	P
10. Stability	7.2 (EN 1730)	Load on main surface: 400 N 50 mm from any edge	No overturn	P



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