

Flokk AS

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Fürth, 20.02.2018

Test report no. FUHLMP2018-00492

Receipt of sample: 22.01.2018; period of investigation: 22.01.2018 – 20.02.2018

Technical laboratory management: Kerstin Scharrer / Hardlines Laboratory: Frank Urbich

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Test item: RBM Standard folding table - 4680

Test order: General safety tests according to EN 15372:2016,
Test level 2

Determination:

The test sample "RBM Standard folding table – 4680" (180 x 90 cm) was submitted to a general safety test according to EN 15372:2016, test level 2 and considering the latest state of art.

In Summary, the requirements of the test order above **were fulfilled**.

Notes:

Please refer to the following pages for technical characteristics and results as well as detailed test conditions and requirements.

Reviewed by:

Intertek Consumer Goods GmbH



Leitung Mechanik / Manager Hardlines
Frank Urbich

Tested by:

Intertek Consumer Goods GmbH



Sachverständiger / Technical Expert
Anh Vu Nguyen

OK / CA 2018-03-14

Product identification:

Test sample:	Conference table
Model name:	RBM Standard folding table
Item number:	4680
Batch number:	--
Manufacturer:	Flokk AB Vallgatan 1, 57123 Nässjö, Sweden
Number of test samples:	1 sample
Distributor:	Flokk AS
Delivered on:	22.01.2018
Delivered by:	Flokk AB

Product documents:

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Scope of the investigations:

Requirements to:

EN 15372:2016, Furniture - Strength, durability and safety - Requirements for non-domestic tables

Test methods to:

EN 1730:2012, Furniture - Tables - Test methods for the determination of stability, strength and durability

Key to findings

P =	passed
F =	failed
n.a. =	not applicable

Applicability of measurements:

The test results refer only to the objects to be tested. The digital images in this report are intended as supplementary information and are not an integral part of this test report.

Measurement uncertainty:

Unless otherwise indicated, all measured dimensions are accurate in accordance with DIN 7168-g and in accordance with DIN ISO 2768 part 1 "c". For all other physical measurement values, the uncertainty range is < 5 %. Testing was done in standard climate conditions of 23°C / 50% relative humidity.

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 description	Test equipment	Equip.no.
General tests	Scale 150/300 kg	PM_HL_18.314
General tests	Band ruler 2000 mm	PM_HL_18.388
General tests	Calliper	PM_HL_17.044
Technical tests	Load disc 10 Kg EN 1022 - Serial no.131630116	PM_HL_18.234
Technical tests	Load disc 10 Kg EN 1022 - Serial no.131630117	PM_HL_18.235
Technical tests	Load disc 10 Kg EN 1022 - Serial no.131630118	PM_HL_18.236
Technical tests	Load disc 10 Kg EN 1022 - Serial no.131630119	PM_HL_18.237
Technical tests	Load disc 10 Kg EN 1022 - Serial no.131630120	PM_HL_18.238
Technical tests	Load weight for EN 1022	PM_HL_18.239
Technical tests	Test floor for EN 1728	PM_HL_18.206
Technical tests	Impactor	PM_HL_18.120
Technical tests	5 axis test stand	PM_HL_18.153
Technical tests	Load cell	PM_HL_18.154
Technical tests	Load cell	PM_HL_18.155
Technical tests	Load cell	PM_HL_18.156
Technical tests	Load cell	PM_HL_18.157

General Testing

Technical characteristics

General dimensions

Model	RBM Standard folding table
Width (mm)	1800
Depth (mm)	900
Height (mm)	740
Net weight (kg)	32.9

Product description

Folding conference table, 180 x 90 surface area

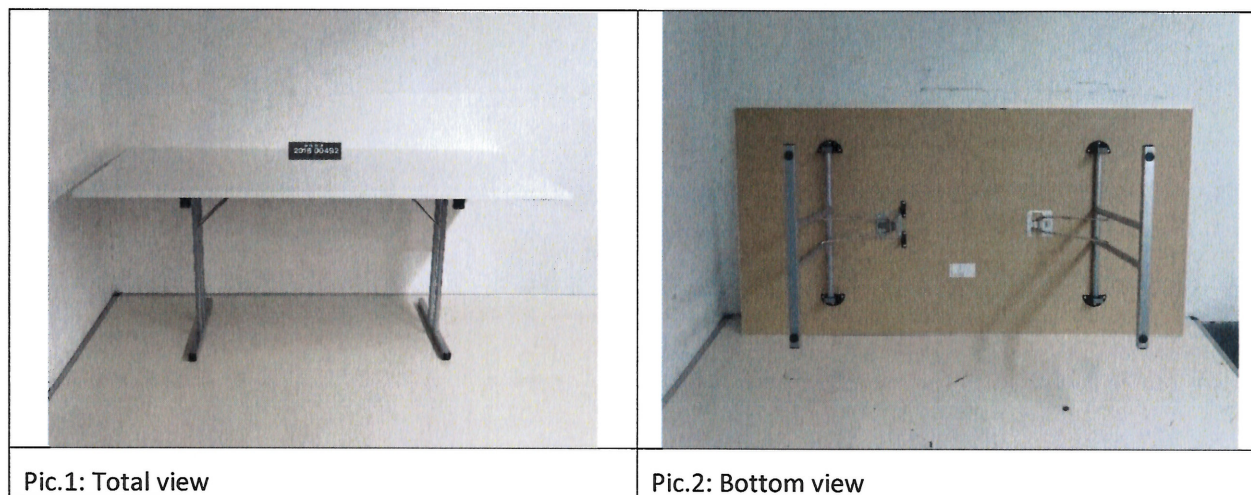
Materials

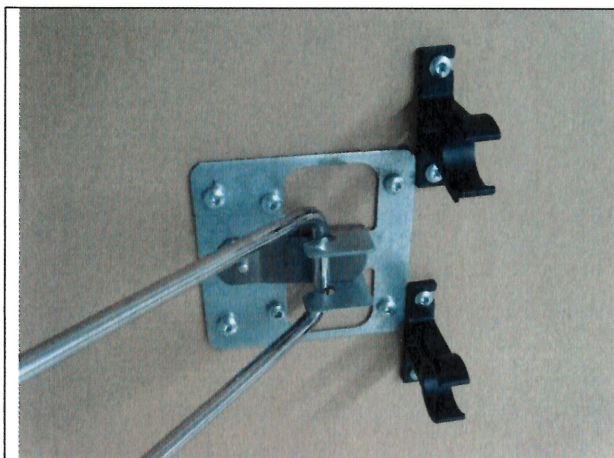
Table top of veneered particle board;

Table frame of coated steel, sliding rail of aluminium;

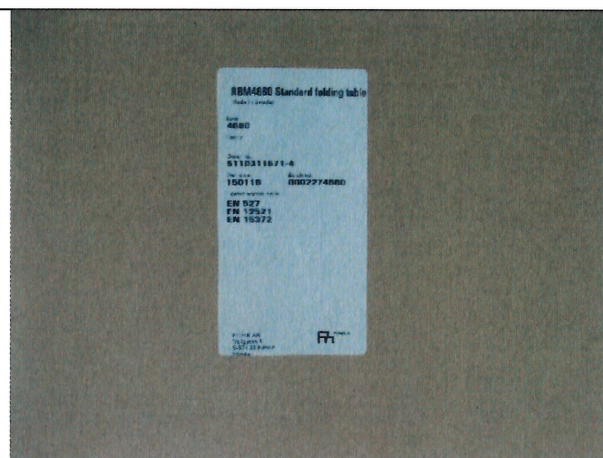
Gliders of plastic.

Photo documentation





Pic.3: Lock mechanism



Pic.4: Product marking



Pic.5: Side view



Pic.6: Folded view

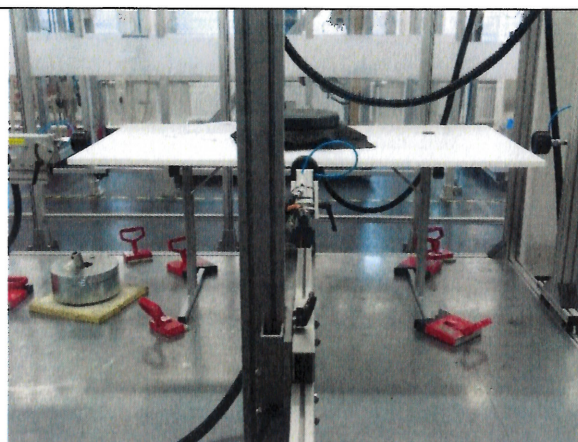
EN 15372:2016			
Clause	Test description	Findings / Results	Verdict
5	Safety, Stability, Strength and Durability		
5.1	General requirements	conformed	P
5.2	Shear and compression points	conformed	P
5.2.1	Shear and compression points while setting up and folding	conformed	P
5.2.2	Shear and compression points under influence of powered mechanism	no powered mechanism	n.a.
5.2.3	Shear and compression points during use	conformed	P
5.3	Stability		
5.3.1	Stability under vertical load	conformed	P
5.3.1.1	General		
5.3.1.2	Tables with a height or adjustable to a height of ≤ 950 mm	see result table on page 7 (test 10).	P
5.3.1.3	Tables with a height or adjustable to a height of > 950 mm	table top height: 735 mm	n.a.
5.3.2	Stability of tables with extension elements	no extension elements	n.a.
5.4	Strength and durability		
5.4.1	General	conformed	P
5.4.2	Requirements	conformed	P
6	Instructions for use	conformed	P ²⁾
²⁾ Remark: Instructions for use is considered as not necessary for this product as it is self-explaining.			

Table 1 — Tests and test sequence

Test	Reference	Parameter	Test parameters Applied test level 2			Verdict
			Level 1	Level 2	Level 3	
1. Horizontal static load test	EN 1730:2012, 6.2	Test load $F_{1...4}$, N Type 1 Type 2 Min. hor. Force, N Spec. load, kg Cycles	400 200 100 50 10	400 200 100 50 10	600 300 100 50 10	P
2. Vertical static load tests	EN 1730:2012, 6.3.1	Test force, N Cycles	1 000 10	1 250 10	1 250 10	P
3. Additional vertical static load for the main surfaces which are greater than 1 600 mm	EN 1730:2012, 6.3.2	Test force, N Cycles	- -	1 000 10	1 000 10	P
4. Vertical static load test of the auxiliary surface	EN 1730:2012, 6.3.3	Test force, N Cycles	200 10	300 10	300 10	n.a.
5. Horizontal durability test	EN 1730:2012, 6.4.1 and 6.4.2	Test load F_{a-d} , N Spec. load, kg Cycles	300 50 10 000	300 50 15 000	300 50 20 000	P
6. Vertical durability test for tables with C-shaped or T-shaped frame	EN 1730:2012, 6.5	Force, N cycles	300 10 000	300 15 000	300 20 000	n.a.
7. Vertical impact test on tables with glass components	EN 1730:2012, 6.6.1 und 6.6.2 EN 14072:2003, Appendix c	Drop height, mm: Tempered glass Other glas types Cyklen	140 180 10	180 240 10	180 240 10	n.a.
8. Vertical impact test on tables without glass components	EN 1730:2012, 6.6.1 and 6.6.3	Drop height, mm Cycles	140 10	180 10	180 10	P
9. Fall test – only for tables with a weight of > 20 kg	EN 1730:2012, 6.9	Nominal drop height for tables without glass, mm Nominal drop height for tables with glass, mm	100 50	100 50	100 50	P
10. Stability under vertical load	EN 1730:2012, 7.2	Test load, N: Main top V1 V2 auxiliary surface V1 V2	200 400 100 200	200 400 100 200	200 400 100 200	P
11. Stability for tables with extension elements	EN 1730:2012, 7.3	Test force, N	200	200	200	n.a.



Pic.7: Impact test



Pic.8: Horizontal static load test



Pic.9: Horizontal durability test