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Flokk AS
Sundveien 201,
P.O. Box 7374
Røros
Norway

Fürth, 29.12.2022

TEST REPORT No. FUHLFP2022-09191

Date sample received: 13.12.2022
Period of testing: 14.12.2022 – 29.12.2022
Technical Director: Kerstin Scharrer

Test Item: RBM Standard Folding table 4680 (180 x 80 cm)

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

Determination:

The test sample "RBM Standard Folding table 4680 (180 x 80 cm)" was submitted to a general safety test according to DIN EN 15372:2016, test level 2 and considering the latest state of art.

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

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

Lab Manager Hardlines mechanical
Frank Urbich

Tested by:
Intertek Consumer Goods GmbH

Technical Expert
Jai Kiran Kumar Galla (Jai)

02/01 - 23

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Product identification:

Test sample:	Conference table
Model name:	RBM Standard folding
Item number:	4680
Number of test samples:	1 sample
Distributor:	Flokk
Delivered on:	13.12.2022
Delivered by:	Flokk

Product documents:

- none

Scope of the investigations:

- DIN EN 15372 : 2016 - Furniture - Strength, durability and safety - Requirements for non-domestic tables
- DIN EN 1730:2012, Furniture - Tables - Test methods for the determination of stability, strength and durability

Abbreviations:

*	=	Test method is not part of the accreditation scope
**	=	Outsourcing
n.a.	=	not applicable
n.t.	=	not tested
n.d.	=	not determinable (< LoQ)
LoQ	=	limit of quantification
CS	=	Combined sample
P	=	passed
F	=	failed

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.

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:

Clause	Test equipment	Equipment no.
General tests	Ruler	PM_HL_18.321
General tests	Band ruler 3000 mm	PM_HL_18.367
General tests	Calliper	PM_HL_17.044
Strength and durability tests	Load cell 5 kN	PM_HL_18.358
Strength and durability tests	Load cell 5kN	PM_HL_18.359
Strength and durability tests	Load cell 5kN	PM_HL_18.360
Strength and durability tests	Load cell 5 kN	PM_HL_18.361
Strength and durability tests	Load cell 2 kN	PM_HL_18.362
Strength and durability tests	Load cell 5,5 kN	PM_HL_18.363
Strength and durability tests	Seat dummy	PM_HL_18.199
Stability	Pull-Push-Gauge	PM_HL_17.026
Stability	Stability Table	PM_HL_18.107
Stability	Load disc 10 Kg	PM_HL_18.231
Strength and durability tests for castor	Linear axis test stand	PM_HL_18.066

General Testing

Technical characteristics

General dimensions:

Model	RBM 4680
Depth (mm):	900
Height (mm):	745
Width (mm):	1800
Net weight (kg):	30,6

Brief description of the sample:

Conference table RBM 4680 with following features:

- Fixed height of the table
- Folding mechanism

Materials

- Steel frame and legs
- Table top of Melamine beech (22 mm)

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Product pictures:

Picture 1: Front View

Picture 2: Side View

Picture 3: Folded table

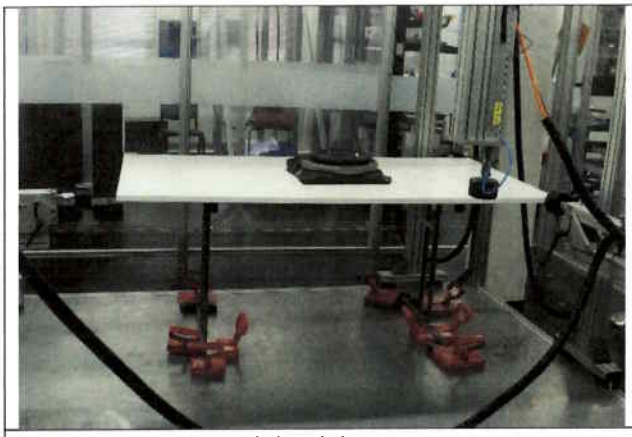
Tests:

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: 745 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.			

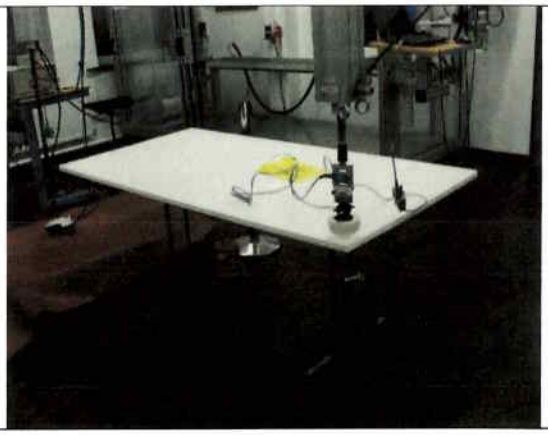
Table 1 — Tests and test sequence

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.
Note: none						

Test Pictures:



Picture. 1: Horizontal durability test



Picture. 2: Vertical static load test

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END OF REPORT

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