

Flokk Røros
Sundveien 201
7374 Røros
Norway

Fürth, 20 January 2025

TEST REPORT No. FUHLFP2024-05804-02

Date sample received: 06 August 2024
Period of testing: 06 August 2024 – 20 January 2025
Technical Director: Kerstin Scharrer

Test Item: Lounge table VERTIGO series, including models:
- Square
- Rectangular
- Round

Test: General and mechanical safety tests to EN 15372

Determination:

The lounge table VERTIGO series, models "Square", "Rectangular" and "Round" have been tested in accordance with DIN EN 15372 (test level 2) and the current state of the art.

In summary, the general and mechanical safety requirements were **met**.

Technical data and results as well as detailed test conditions and requirements are contained in the following pages.

Reviewed by:


Intertek Consumer Goods GmbH



Laborleitung Hardlines / Lab Manager Hardlines
Frank Urbich

Tested by:

Intertek Consumer Goods GmbH



Sachverständiger / Technical Expert
Anh Vu (Vincent) Nguyen

Product identification:

Test sample:	Lounge table
Model name:	"Square", "Rectangle", "Round"
Item number:	--
Manufacturer:	Flokk
Number of test samples:	1 of each model
Distributor:	Flokk
Delivered on:	06.08.2024
Delivered by:	Flokk

Product documents:

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Scope of the investigations:

- EN 15372:2023 - Furniture - Strength, durability and safety – Requirements for non-domestic tables

Legend:

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 test results:

Tolerances unless otherwise specified the following tolerances apply:

The tests specify the use of forces. However, masses may be used. In that case, as equivalent for 10 N a mass 1 kg can be calculated.

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.



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 test	Ruler	PM_HL_18.321
General test	Scale	PM_HL_18.314
General test	Band ruler 3000 mm	PM_HL_18.376
General test	Calliper	PM_HL_17.070
Strength and durability test	Load cell 5 kN	PM_HL_18.358
Strength and durability test	Load cell 5kN	PM_HL_18.359
Strength and durability test	Load cell 5kN	PM_HL_18.360
Strength and durability test	Load cell 5 kN	PM_HL_18.361
Strength and durability test	Load cell 2 kN	PM_HL_18.362
Strength and durability test	Load cell 5,5 kN	PM_HL_18.363
Strength and durability test	Seat dummy	PM_HL_18.199
Stability	Pull-Push-Gauge	PM_HL_17.026
Stability	Stability Table	PM_HL_18.107
Stability	Protractor	PM_HL_18.226
Stability	Stamp	PM_HL_18.108
Stability	Armrest stamp	PM_HL_18.051
Stability	Load disc 10 Kg	PM_HL_18.234
Stability	Load disc 10 Kg	PM_HL_18.233
Stability	Load disc 10 Kg	PM_HL_18.235
Stability	Load disc 10 Kg	PM_HL_18.238
Stability	Load disc 10 Kg	PM_HL_18.230
Stability	Load disc 5 Kg	PM_HL_18.369
Stability	Load disc 2,5 Kg	PM_HL_17.345
Stability	Load disc 0,5 Kg	PM_HL_18.263
Stability	Load disc (wood)	PM_HL_18.216
Stability	Load disc (wood)	PM_HL_18.217
Stability	Load disc (wood)	PM_HL_18.218
Stability	Load disc (wood)	PM_HL_18.219
Stability	Load disc (wood)	PM_HL_18.220
Stability	Load disc (wood)	PM_HL_18.221
Stability	Load disc (wood)	PM_HL_18.222
Stability	Load disc (wood)	PM_HL_18.223
Stability	Load disc (wood)	PM_HL_18.224
Stability	Load disc (wood)	PM_HL_18.225

Clause	Test equipment	Equipment no.
Stability	Load disc (wood)	PM_HL_18.226
Stability	Load disc (wood)	PM_HL_18.227
Stability	Load disc (wood)	PM_HL_18.228
Stability	Load disc (wood)	PM_HL_18.229
Loading point template - A-B	Measurement template	PM_HL_18.109

General Testing

Technical characteristics

General dimensions

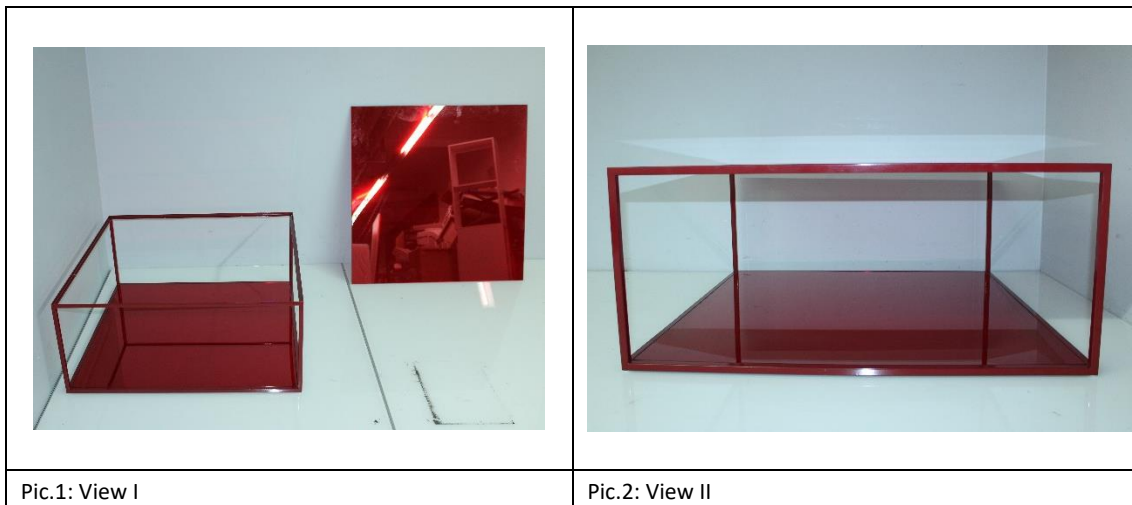
Parameters	Square	Rectangle	Round
Depth (mm)	880	420	720
Height (mm)	380	285	334
Width (mm)	880	980	720
Weight (kg)	38.8	21.5	20.8

Product description:

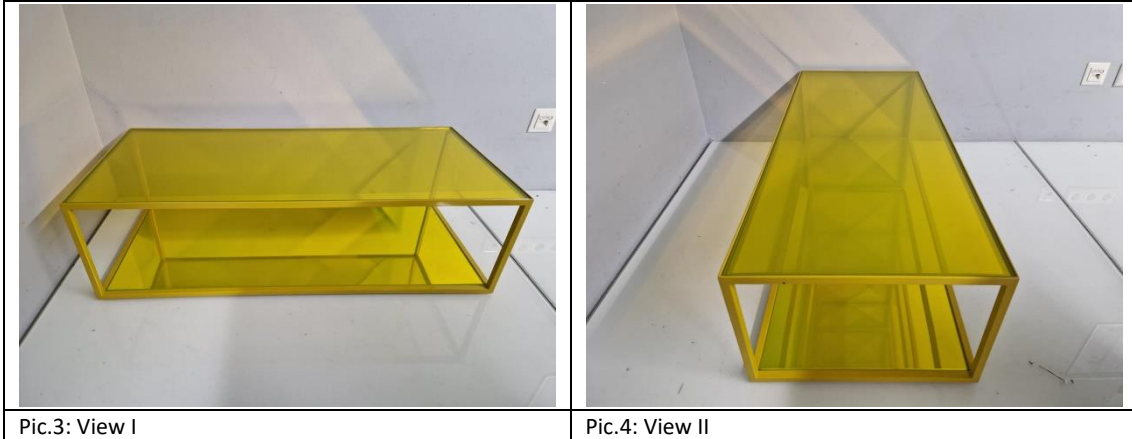
Lounge tables in different dimensions / shapes with metal frame and glass top & shelf.

Photo documentation:

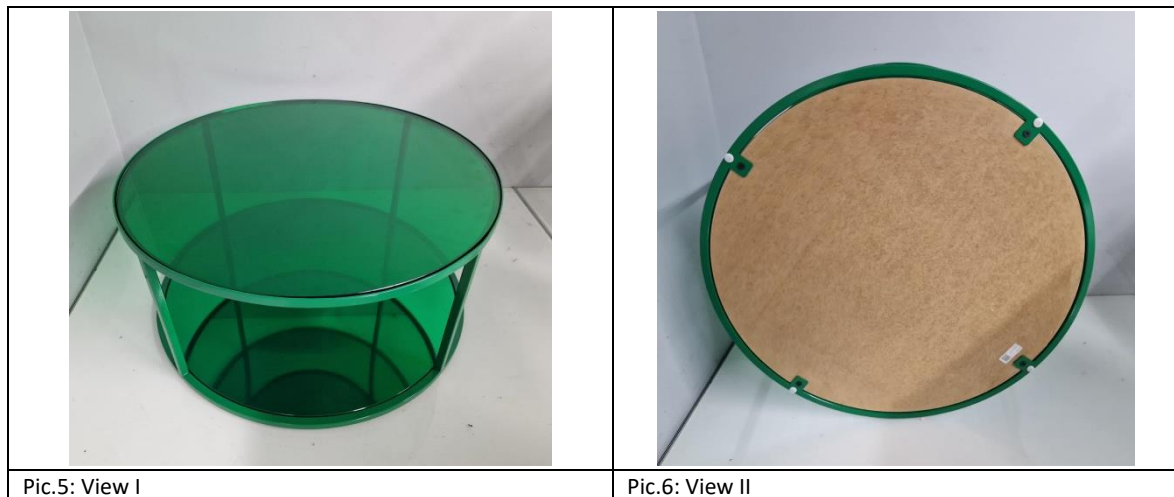
Square



Rectangle



Round



Technical Tests

EN 15372:2023			
Clause	Test description	Findings / Results	Verdict
5	Safety, Stability, Strength and Durability		
5.1	General requirements	conformed	P
5.2	Tubular openings and rigid elements	conformed	P
5.3	Shear and compression points		
5.3.1	General		
5.3.2	Shear and compression points during setup and folding	No folding	n.a.
5.3.3	Shear and compression points under influence of powered mechanism	no powered mechanism	n.a.
5.3.4	Scher- und Quetschstellen bei der Benutzung	conformed	P
5.4	Stability		
5.4.1	Stability under vertical load		
5.4.1.1	General	conformed	P
5.4.1.2	Tables with a height or adjustable to a height of ≤ 950 mm	see result table on page 7 (test 10).	P
5.4.1.3	Tables with a height or adjustable to a height of > 950 mm	table top height: < 950 mm	n.a.
5.4.2	Stability of tables with extension elements	no extension elements	n.a.
5.5	Strength and durability		
5.5.1	General	conformed	P
5.5.2	Glass	conformed	P
5.5.3	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. Durability of height adjustable elements	EN 1730:2012, section 8	50 kg or manufacturer load	Cycles: 5000	Cycles: 5000	Cycles: 5000	P
2. 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
3. Vertical static load tests	EN 1730:2012, 6.3.1	Test force, N Cycles	1 000 10	1 250 10	1 250 10	P
4. Additional vertical static load for the main surfaces which are longer than 1600 mm	EN 1730:2012, 6.3.2	Test force, N Cycles	- -	1 000 10	1 000 10	n.a.
5. 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.
6. 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
7. 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.
8. 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 glass types Cycles	140 180 10	180 240 10	180 240 10	P
9. 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	n.a.
10. 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
11. 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
12. Stability for tables with extension elements	EN 1730:2012, 7.3	Test force, N	200	200	200	n.a.

Note: none

A.3: Durability of tables with rollers

Test	Reference	Parameter	Test parameters Applied test level 2	Verdict
Durability of tables with rollers	EN 1730:2012, 6.8	Test force, N Cycles	20 2 000	n.a



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END OF REPORT

