

# Test Report

Report Number:  
168023-8-ST



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

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Init.: JNAS/JHA  
Order no.: 168023  
Encl.: 2

**Assignor:** FOUR DESIGN APS, Lucernemarken 17, DK-5260 Odense S

**Item:** **FourReal Flex, 240x160** - The test also covers FourReal Flex the following sizes: 240 x 140, 240 x 120, 200 x 140, 180 x 120, 160 x 160, 140 x 140, 120 x 120

**Sampling:** The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 21 November 2023.

**Period:** The test took place from 24 November 2023 to 6 December 2023.

**Method:** EN 15372:2016, Furniture - Strength, durability and safety - Requirements for non-domestic tables  
Test severity L2: General use: E.g. in general hotel, cafés, restaurants, public halls, banks, bars, meeting rooms.  
Additional information is given in enclosure B.

**Test results:** Passed.  
The results are shown in enclosure A.

**Terms:** This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

**Place:** Danish Technological Institute, Taastrup, Building and Construction

**Signature:** This document is only valid with a digital signature from Danish Technological Institute. The date of issue appears from the digital signature.  
Jacob Næsby  
Consultant



**DANAK**  
TEST Reg.no. 2



## Results

Test No.	Test	Test Method	Loading	Result
5.1	General requirements			Passed
5.2.1	Shear and squeeze points when setting up and folding			N/A
5.2.2	Shear and squeeze points under influence of powered mechanisms			N/A
5.2.3	Shear and squeeze points during use			Passed
5.4.1-1	Horizontal static load test	EN 1730, 6.2	Test force, N Specified mass, kg Cycles	400 50 10 Passed
5.4.1-2	Vertical static load on main surface	EN 1730, 6.3.1	Test force, N Cycles	1250 10 Passed
5.4.1-3	Additional vertical static load test where the main surface has a length >1600 mm	EN 1730, 6.3.2	Test force, N Cycles	1000 10 Passed
5.4.1-4	Vertical static load on ancillary surface	EN 1730, 6.3.3	Test force, N Cycles	300 10 N/A
5.4.1-5	Horizontal durability test	EN 1730, 6.4.1 and 6.4.2	Test force, N Specified mass, kg Cycles	300 50 15000 Passed
5.4.1-6	Vertical durability test for cantilever and tables with central column only	EN 1730, 6.5	Test force, N Cycles	300 15000 N/A
5.4.1-7	Vertical impact test for glass tabletops	EN 1730, 6.6.1 and 6.6.2	Drop height, mm Cycles	180 10 N/A
5.4.1-8	Vertical impact test for all other tabletops	EN 1730, 6.6.1 and 6.6.3	Drop height, mm Cycles	180 10 Passed
5.4.1-9	Drop test – This test is applicable for tables weighing more than 20 kg only	EN 1730, 6.9	Drop height, mm Cycles	35 6 Passed
5.4.1-10	Stability under vertical load test	EN 1730, 7.2	Main surface Ancillary surface	400 200 Passed
5.4.1-11	Stability for tables with extension elements	EN 1730, 7.3	Test force, N	200 N/A
6	Information for use			N/A
A.3.2	Durability of table with castors	EN 1730, 6.8	Specified load, N Cycles	20 2000 N/A



## Information provided by the Danish Technological Institute

### Photograph of the received sample



## Information required by EN 15372:2013

### European Standards used:

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

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

### Details of tested table:

Model:	FourReal Flex, 240x160			Type:	Table		
Width:	160 mm	Length:	4200 mm	Height:	740 mm	Weight:	77.92 kg
Materials:	Particleboard with laminate, metal, plastic						

### Details of defects observed before testing:

None.

### Details of any deviations from this standard:

None.

### Any variation from the specified temperature range:

None.

### Test result:

See enclosure A.

### Name and address of the test facility:

Danish Technological Institute, Gregersensvej, Taastrup 2630, Denmark

### Date of test:

2023-11-24 to 2023-12-06

### Storage:

The test material will be destroyed 1 month after the test is completed, unless otherwise agreed in writing.