

# Test Report

Report Number:  
351360-8-NDT



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

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Page 1 of 3  
Init.: JNAS/JHA  
Order no.: 351360  
Encl.: 2

**Assignor:** FREDERICIA FURNITURE A/S, Treldevej 183, DK-7000 Fredericia

**Item:** **5109 ND109** - The test also covers article nos. 5114, 5106, 5107. See enclosure B for detailed sample description.

**Sampling:** The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 23 March 2026.

**Period:** The test took place from 25 March 2026 to 5 June 2026.

**Method:** EN 15372:2023 - Furniture – Strength, durability and safety – Requirements for non-domestic tables  
Test severity L3: Severe use: E.g. in night-clubs, police stations, transport terminals, hospital public areas, casinos, sports changing rooms, prisons, barracks.  
Additional test methods that are referred to are listed in enclosure B.

**Test results:** **Passed.**  
The detailed 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.  
Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

**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	Holes in tubular/rigid component			Passed	
5.3.2	Shear and compression points when setting up and folding			N/A	
5.3.3	Shear and compression points under influence of non-electrically powered mechanisms			N/A	
5.3.4	Shear and compression points during use			Passed	
5.4.1.2	Stability under vertical load test - height $\leq$ 950 mm	EN 1730, 7.2.2	Main surface Ancillary surface	224 112	Passed
5.4.1.3	Stability under vertical load test - height > 950 mm	EN 1730, 7.2.3	Main surface Ancillary surface		N/A
5.4.2	Stability for tables with extension elements	EN 1730, 7.3	Test force, N	200	N/A
5.5.1-1	Durability of height adjustment mechanisms	EN 1730, 8	Specified mass, kg Cycles	75 5000	N/A
5.5.1-2	Horizontal static load test	EN 1730, 6.2	Test force, N Specified mass, kg Cycles	600 50 10	Passed
5.5.1-3	Vertical static load on main surface	EN 1730, 6.3.1	Test force, N Cycles	1250 10	Passed
Comment	The loading point was moved 180 mm inward from the edge to avoid overturning				
5.5.1-4	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	N/A
5.5.1-5	Vertical static load on ancillary surface	EN 1730, 6.3.3	Test force, N Cycles	300 10	N/A
5.5.1-6	Horizontal durability test	EN 1730, 6.4.1 and 6.4.2	Test force, N Specified mass, kg Cycles	300 50 10	Passed
5.5.1-7	Vertical durability test for cantilever and tables with central column only	EN 1730, 6.5	Test force, N Cycles	300 20000	Passed
5.5.1-8	Vertical impact test for glass tabletops	EN 1730, 6.6.1 and 6.6.2	Drop height, mm Cycles	240 10	N/A
5.5.1-9	Vertical impact test for all other tabletops	EN 1730, 6.6.1 and 6.6.3	Drop height, mm Cycles	180 10	Passed
5.5.1-10	Drop test - This test is applicable for tables weighing more than 20 kg only	EN 1730, 6.9	Drop height, mm Cycles	 6	N/A
6	Information for use				Passed
B.1.2.3	Deflection of table tops	EN 1730, 6.7	Distributed load, Kg	95.43	Passed
B.1.3.2	Durability of table with castors	EN 1730, 6.8	Specified load, Kg Cycles	20 2000	N/A



## Methods

The following standard methods are used in this test report:

EN 15372:2023 - 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

Measurement uncertainty: Decision rule according to EN ISO IEC 17025:2018 clause 3.7: No account is taken of measurement uncertainty when reporting numerical results.

## Sample

Description of the item tested:

Model:	5109 ND109
Type:	Table
Width:	897 mm
Length:	897 mm
Height:	720 mm
Weight:	16.2 kg
Materials:	Oak

Photo of the sample as received:

