

Test Report

Revision 1

Report Number:
190534-11-ST rev. 1



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Init.: JNAS/MRUD
Order no.: 190534
Encl.: 2

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

Item: **6631 Plan Table Fixed** - The test also covers Plan Table Fixed Article nos.: 6650, 6651, 6652, 6654, 6655, 6670, 6671, 6672 6674, 6675 in height 73 and 95.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 14 June 2023.

Period: The test took place from 4 August 2023 to 18 August 2023.

Method: EN 15372:2016, 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, homes for the elderly, sports changing rooms, prisons, barracks.

Additional information is given in enclosure B.

Test results: Passed.

The results are shown in enclosure A.

Remarks: This report replaces report dated 24-08-2023. Rev 1 is due to addition of "- The test also covers Plan Table Article nos.: 6650, 6651, 6652, 6654, 6655, 6670, 6671, 6672 6674, 6675 in height 73 and 95" under "Item" page 1.

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 | 600 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 20000 | | 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 20000 | | 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 | 240 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 | 64 6 | | Passed |
| 5.4.1-10 | Stability under vertical load test | EN 1730, 7.2 | Main surface Ancillary surface | 200 100 | | 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: | 6631 Plan Table Fixed | | | Type: | Table | | |
| Width: | 1000 mm | Length: | 2000 mm | Height: | 1050 mm | Weight: | 65 kg |
| Materials: | Metal / laminated tabletop | | | | | | |

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:

2023-08-04 to 2023-08-18

Storage:

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