Test Report

Report No.: 755285-20

DANISH TECHNOLOGICAL INSTITUTE

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Prni/mms/hbs
Order no.: 755285
No. of appendices: 2

Assignor: Nine United Denmark A/S/Hay
Havnen 1
DK-8700 Horsens

Subject: Model: Triangle Leg Table Ø115x74 - Prototype

Type:	Table				
Length:	2500 mm	Width:	850 mm	Height:	740 mm
Weight	23.5 kg				
Materials:	Oak				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 05-01-2018.

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

Test level 3 Severe: Night-clubs, police stations, transport terminals, hospital public areas, casinos, homes for the elderly, sports changing rooms, prisons, barracks

Period: The testing was carried out from 08-01-2018 to 12-01-2018.

Result: Model Triangle Leg Table Ø115x74 fulfils the requirements in EN 15372:2016, L3.

Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: The accredited test was carried out according to DANAK's general conditions see www.danak.dk and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 15-01-2018, Danish Technological Institute, Wood and Biomaterials, Taastrup

Signature:

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TEST Reg.no. 2

Test of Model: Triangle Leg Table Ø115x74

EN 15372:2016

Test		Test Method	Cycles	3	Result
1	Horizontal static load test	EN 1730:2012, 6.2	Test force $F_{1\text{-}4}$,N: Type 1 Type 2 Min. force Type 1 and Type 2 Specified mass, kg Cycles	 600 300 100 Manufacturer's specified load or 50 kg 10	Passed
2	Vertical static load on main surface[a]	EN 1730:2012, 6.3.1	Test force, N Cycles	1.250 10	Passed
3	Additional vertical static load test where the main surface has a length >1600 mm	EN 1730:2012, 6.3.2	Test force, N Cycles	1.000 10	N/A
4	Vertical static load on ancillary surface	EN 1730:2012, 6.3.3	Test force, N Cycles	300 10	N/A
5	Horizontal durability test	EN 1730:2012, 6.4.1 and 6.4.2	Test force $F_{a\text{-}d}$,N Specified mass, kg Cycles	300 Manufacturer's specified load or 50 kg 20.000	Passed
6	Vertical durability test for cantilever and tables with central column only[b]	EN 1730:2012, 6.5	Test force, N Cycles	300 20.000	N/A
7	Vertical impact test for glass tabletops	EN 1730:2012, 6.6.1 and 6.6.2	Drop height, mm: Safety glass[c] Other glass Cycles	180 240 10	N/A
8	Vertical impact test for all other tabletops	EN 1730:2012, 6.6.1 and 6.6.3	Drop height, mm: Cycles	180 10	Passed
9	Drop test – This test is applicable for tables weighing more than 20 kg only	EN 1730:2012, 6.9	Nom. drop height mm – tables without glass Nom. drop height mm – tables with glass	100 50	Passed
10	Stability under vertical load test	EN 1730:2012, 7.2	Test force, N Main surface V_1 V_2 Ancillary surface V_1 V_2	 200 400 100 200	Passed
11	Stability for tables with extension elements	EN 1730:2012, 7.3	Test force, N	200	N/A

[a] Tables with extension pieces shall be tested both in the extended and unextended configurations. A table extension added in the centre of the table shall be tested as the main surface. A part of the main surface in the unextended configuration can become an ancillary surface in the extended configuration.

[b] Examples of cantilever tables and tables with a central column are shown in EN 1730:2012, figures 6b and 6d

[c] Glass is considered to be safety glass, if the glass fulfils the requirements in EN 12150-1:2015, Clause 8, fragmentation test; or where the mode of breakage (β) according to EN 12600:2002 is Type B or Type C

N/A Not applicable

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Photo