

Test Report

Revision 1

Report No.: 813734-12



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Jju/jha/hbs
Order no.: 813734
No. of appendices: 2

Subject: Model: Four®Eating 180x80 – also covers sizes: 80x80, 120x80, 140x80 and 160x80

Type:	Table				
Depth:	800 mm	Length:	1800 mm	Height:	720 mm
Weight:	32 kg				
Materials:	Tabletop: 20 mm laminated particleboard Base: Steel				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 27-11-2019.

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

Test level 1 Light: Hotel bedrooms, churches, libraries

Test level 2 General: General Hotel, cafés, restaurants, public halls, banks, bars, meeting rooms

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 27-11-2019 to 11-12-2019.

Result: Model Four®Eating 180x80 fulfils the requirements in EN 15372:2016.

Loading according to test level 2.

Individual results appear from Appendix 1.

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

Terms: Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's (DTI) General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.

Note: Rev 1 is due to addition of 80x80 under Model, page 1

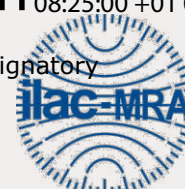
Date/place: 18-12-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup
Replaces report dated 11-12-2019

Jesper
Junge
Pedersen
Digitally signed
by Jesper Junge
Pedersen
Date: 2019.12.19
15:02:09 +01'00'

Jan
Hansen
Digitally signed
by Jan Hansen
Date: 2019.12.20
08:25:00 +01'00'

Signature: Test responsible

Co-signatory



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Test of Model: Four®Eating 180x80

EN 15372:2016

Test		Test Method	Cycles	Test Level			Result
5.1	General requirements			1	2	3	Passed
5.4.1 – Table:							
1	Horizontal static load test	EN 1730:2012, 6.2	Test force F_{1-4} , N: Type 1 Type 2 Min. force Type 1 and Type 2 Specified mass, kg Cycles	400 200 100	400 200 100	600 300 100	Passed
				Manufacturer's specified load or 50 kg			
				10	10	10	
2	Vertical static load on main surface	EN 1730:2012, 6.3.1	Test force, N Cycles	1000 10	1250 10	1250 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	- -	1000 10	1000 10	Passed
4	Vertical static load on ancillary surface	EN 1730:2012, 6.3.3	Test force, N Cycles	200 10	300 10	300 10	N/A
5	Horizontal durability test	EN 1730:2012, 6.4.1 and 6.4.2	Test force F_{a-d} , N Specified mass, kg Cycles	300 10000	300 15000	300 20000	Passed
6	Vertical durability test for cantilever and tables with central column only	EN 1730:2012, 6.5	Test force, N Cycles	300 10000	300 15000	300 20000	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	140 180 10	180 240 10	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	140 10	180 10	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	100 50	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	200 400 100 200	200 400 100 200	Passed
11	Stability for tables with extension elements	EN 1730:2012, 7.3	Test force, N	200	200	200	N/A
A.3	Durability of tables with castors						
A.3.1	Durability of table with castors	EN 1730:2012, 6.8	Specified load, N Cycles	20 2000	20 2000	20 2000	N/A

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Photo

