



HAY/Nine United Denmark A/S
Havnen 1
DK-8700 Horsens

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Test Report

Material: Model: Palissade table 160×80 – also covers Palissade Table 80×80

Type:	Table				
Length:	1675 mm	Width:	900 mm	Height:	750 mm
Weight	28,5 kg				
Materials:	Steel table with Ø 28 mm legs				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 15-01-2016.

EN 581-3:2007 Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 3: Mechanical safety requirements and test methods for Tables.

Clauses: 6.3.1, 6.3.2, 6.4. 6.2.1, 6.2.2

EN 15372:2008 Furniture – Strength, durability and safety – Requirements for non-domestic tables.

Test level 3 severe use: Night-club, police stations, transport terminals, hospital public areas, casino, homes for the elderly, sports changing rooms, prisons.

Period: The testing was carried out from 18-01-2016 to 07-03-2016.

Result: Model Palissade Table fulfils the requirements in EN 581-3:2007 and EN 15372:2008, the above clauses.

Individual results appear from Appendices 1 and 2.

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

Terms: The test was performed according to the New Orderached conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

30-05-2016, Danish Technological Institute, Wood Technology, Taastrup
This report replaces report dated 10-03-2016

Test responsible

Verifier

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Test of Model: Palissade Table

EN 15372:2008 Stability, strength and durability tests

Test	Test Method	Cycles	3	Result
Stability under vertical load	EN 1730:2000, 6.7	Test force, N Main surface V ₁ V ₂ Anc. surface V ₁ V ₂	200 400 100 200	Passed
Stability for tables with extension elements	5.3.2	Test force, N	200	N/A
Horizontal static load	EN 1730:2000, 6.2	Test force, N: High (>600) Low (600 or less) 10 times	600 300	Passed
Vertical static load	EN 1730:2000, 6.3	Test force, N: a) Main surface b) Anc. surface 10 times	1250 300	Passed
Horizontal fatigue	EN 1730:2000, 6.4	No. cycles: Test force 300 N	20.000	Passed
Vertical fatigue for cantilever or pedestal tables	EN 1730:2000, 6.5	No. cycles: Test force 300 N	20.000	N/A
Vertical impact for tables without glass in their construction	EN 1730:2000, 6.6	Drop height, mm: 10 times	240	Passed
Vertical impact for tables with glass in their construction	EN 1730:2000, 6.6 EN 14072:2003, 6 ²	Drop height, mm: Safety glass ¹⁾ Other glass	240 300	N/A
Drop test for tables weighing more than 20 kg	Annex A	Nom. drop height mm – tables without glass Nom. drop height mm – tables with glass	100 50	Passed

¹ Glass is considered to be safety glass, if the glass fulfils the requirements in EN 12150-1:2000, Clause 8, fragmentation test; or where the mode of breakage (β) according to EN 12600 is Type B or Type C

² Impact for the table top in accordance with the positions defined within EN 1730:2000, 6.6

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Test of Model: Palissade Table

EN 581-3 Test sequences and test parameters

Test	Reference	Test parameters	Contract	Result
Vertical static load test on the table top	6.3.1	Load: 9×30 s + 1 ×30 min	1.000 N	Passed
Vertical static load test on end extensions	6.3.2	Load: 9×30 s + 1 ×30 min	350 N	N/A
Horizontal fatigue test	6.4	M (kg) F Number of cycles N	Up to 75 150 N 20.000	Passed
Stability under vertical load ^a	6.2.1	F for <i>L</i> smaller than 800 mm F for <i>L</i> between 800 mm and 1.000 mm F for <i>L</i> larger than 1.000 mm F for <i>L</i> larger than 1.600 mm	200 N <i>L</i> -600 400 N 400 N	Passed
Stability of tables which are intended to support a parasol	6.2.2	F	30 N	N/A
a	For tables that might not fulfil the stability requirements before carrying out any tests, the applicable stability tests may be carried out before starting the sequence of tests specified in this Table.			

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Test of Model: Palissade Table

Photo



Danish Accreditation (DANAK):

DANAK is the national accreditation body in Denmark in compliance with EU regulation No. 765/2008.

DANAK participates in the multilateral agreements for testing and calibration under European co-operation for Accreditation (EA) and under International Laboratory Accreditation Cooperation (ILAC) based on peer evaluation. Accredited test reports and calibration certificates issued by laboratories accredited by DANAK are recognized cross border by members of EA and ILAC equal to test reports and calibration certificates issued by these members' accredited laboratories.

The use of the accreditation mark on test reports and calibration certificates or reference to accreditation, documents that the service is provided as an accredited service under the company's DANAK accreditation according to EN ISO IEC 17025.

Construction Product Directive:

The Danish Technological Institute guarantees that employees carrying out tests to be used together with harmonized standards under notification no. 1235 according to EU regulation 305/2011, article 43, satisfy all the requirements made for capability, integrity and impartiality. You find the CPR here: http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/construction-products/index_en.htm

September 2015