

Test Report

Report No: 117115-17 rev 1



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej
DK-2630 Taastrup
Tel. +45 72 20 20 00
Fax +45 72 20 20 19

info@teknologisk.dk
www.teknologisk.dk

Assignor: Hay ApS
Havnen 1
DK-8700 Horsens

Page 1 of 1
Jha/jnas/hbs
Order no.: 117115
No. of appendices: 3

Item: Model: Palissade Low Table

Type:	Table				
Length:	815 mm	Width:	860 mm	Height:	380 mm
Weight:	16 kg				
Materials:	Metal				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 19-01-2022.

Method: EN 581-1:2017 Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 1: General safety requirements

EN 581-3:2017 Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 3: Mechanical safety requirements for tables

Period: The testing was carried out from 20-01-2022 to 04-02-2022.

Result: Model Palissade Low Table fulfils the requirements in EN 581-1:2017 and EN 581-3:2017.

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 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 changing the measurements under Item, page 1
Rev 2 is due to correcting Part 1 under EN 581-3:2017 under Method to Part 3.

Date/place: 24-10-2022, Danish Technological Institute, Wood and Biomaterials, Taastrup
Replaces report dated 09-02-2022

Signature: Test responsible

Co-signatory



Report no. 117115-17 rev 2
Appendix 1
Page 1 of 1
Initials Jha/jnas/hbs

Test of Model: Palissade Low Table

EN 581-1:2017

Test	Safety Requirements	Result
5.1	General	Passed
5.2	Tubular components	Passed
5.3	Shear and squeeze points	
5.3.1	Shear and squeeze points when erecting, adjusting and folding away	N/A
5.3.2	Shear and squeeze points under the influence of powered mechanisms	N/A
5.3.3	Shear and squeeze points during use	Passed

Reference is made to annexes A + B in EN 581-1:2017.

Test of Model: Palissade Low Table

EN 581-3:2017 - Test sequences and test parameters for tables - Table 1

Test	Reference	Specification	Camping	Domestic	Contract	Result
1. Vertical static load on main surface For tables with a tabletop surface more than 0.25 m ²	EN 1730:2012, 6.3.1	Specified force, N a) Main surface for tables with a height less than or equal to 950 mm b) Main surface for tables with a height greater than 950 mm Cycles	300 - 10	750 500 10	1000 500 10	Passed
2. Vertical static load on main surface For tables with a tabletop surface less than or equal to 0.25 m ²	EN 1730:2012, 6.3.1	Specified force, N Cycles	150 10	300 10	500 10	N/A
3. Additional vertical static load test where the main surface has a length >1600 mm	EN 1730:2012, 6.3.2	Specified force, N Cycles	500 10	750 10	1000 10	N/A
4. Vertical static load on ancillary surface	EN 1730:2012, 6.3.3	Specified force, N Cycles	100 10	200 10	300 10	N/A
5. Horizontal durability test	EN 1730:2012, 6.4.2	Specified mass, kg Specified force, N Cycles	50 100 5000	50 150 10000	50 300 20000	Passed
6. Stability under vertical load	EN 1730:2012, 7.2	Specified force, N V ₁ V ₂	200 200	200 400	200 400	Passed
7. Stability for tables with extension elements	EN 1730:2012, 7.3	Specified extension element load, kg/dm ³ Specified vertical load, N determined by EN 1730:2012 Table 2 V ₁ V ₂	0,2 200 200	0,2 200 400	0,5 200 400	N/A
8. Stability of tables designed to support a parasol	EN 1730:2012, 7.4	Test force, N	30	30	30	N/A
Instructions for use						N/A

Order no.: 117115-17 rev 2
Appendix: 3
Page: 1 of 1
Initials: Jha/jnas/hbs

Test of Model: Palissade Low Table

Photo

