

Test Report

Report No.: 744813-1 rev 1



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No. of appendices: 3

Subject: Model: Borås Table 1800x800 – covers the series

Type:	Table				
Length:	1800 mm	Width:	800 mm	Height:	820 mm
Weight	16.45 kg				
Materials:	Steel, 18.5 mm high pressure laminate				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 28-03-2017.

Method: **EN 1729-1:2015** Furniture – Chairs and tables for educational institutions - Part 1: Functional dimensions. Measured according to table A.1.

EN 1729-2:2012+A1:2015 Furniture – Chairs and tables for educational institutions - Part 2: Safety requirements and test methods. Loading according to EN 1729-2:2012+A1:2015 highest level.

Period: The testing was carried out from 29-03-2017 to 19-04-2017.

Result: Model Borås Table 1800x800 fulfils the requirements in EN 1729-1:2015, Table B.2 and the requirements in EN 1729-2:+A1:2015.

Individual results appear from Appendices 1 and 2.

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.

Note: Revision due to change of measurements
Date/place: 30-08-2017, Danish Technological Institute, Wood Technology, Taastrup
Replaces report dated 19-04-2017

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Testing of Model: Borås Table 1800x800

EN 1729-1:2015 – Table B.2

Size code	0	1	2	3	4	5	6	7
Colour code	White	Orange	Violet	Yellow	Red	Green	Blue	Brown
Popliteal range (without shoes)	200-250	250-280	280-315	315-355	355-405	405-435	435-485	485+
Stature range (without shoes)	800-950	930-1160	1080-1210	1190-1420	1330-1590	1460-1765	1590-1880	1740-2070
h ₁ Height of top ± 20 mm	400	460	530	590	640	710	760	820
Measured								820
t ₁ Depth of top (min.)	500 ¹	500 ¹	500 ¹	500 ¹	500	500	500	500
Measured								800
w ₁ Width of top, per person, at front edge, where pupils sit (min.)	-	600 ^b	600 ^b	600 ^b	600 ^b	600	600	600
Measured								600
Surface area per person (min.)	-	0,15 m ²						
Measured								0,48
Horizontal distance between front legs/structure where pupils sit per person (min.)		500 ^c						
Measured								567
a) Can be reduced to 400 mm (only if required due to educational conditions) b) Can be reduced to 550 mm (only if required due to educational conditions) c) Can be reduced to 450 mm (only if required due to educational conditions)								
It failed the requirements of size mark 7								

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Test of Model: Borås Table 1800x800

Loading according to EN 1729-2:2012+A1:2015

Testing	Test method	Cycles	Loading	Result
6 Testing of tables				Passed
6.1.2 Stability of tables, vertical load	EN 1730:2012, 7.2		Vertical: Max. 600 N	Passed
6.2.2 Horizontal static load	EN 1730:2012, 6.2	10	Horizontal: Max. 400 N	Passed
6.2.3 Horizontal durability	EN 1730:2012, 6.4.2	10.000	Vertical: 50 kg Horizontal: Max. 300 N	Passed
6.2.4 Vertical static load	EN 1730:2012, 6.3	10	Vertical: Max. 1.000 N	Passed
6.2.5 Vertical durability	EN 1730:2012, 6.5	10.000	Vertical: 600 N	Passed
5. Marking	EN 1729-1:2015			Passed
6. Instructions	EN 1729-1:2015			Passed

N/A Not applicable

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Photo

