

# Test Report

Report No.: 873506-2



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INSTITUTE**

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**Subject:** Model: Gate Table

Type:	Table				
Length:	1200 mm	Width:	700 mm	Height:	730 mm
Weight	23.36 kg				
Materials:	Tabletop: Linoleum Base: Ø38 mm metal tube				

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 23-05-2019.

**Method:** **EN 1729-1:2015** Furniture – Chairs and tables for educational institutions - Part 1: Functional dimensions. Measured according to table A.2.

**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 27-05-2019 to 17-06-2019.

**Result:** Model Gate fulfils the requirements in EN 1729-1:2015, Table A.2 and the requirements in EN 1729-2:2012+A1:2015.  
It fulfils the requirements of size mark 5.

Individual results appear from Appendices 1 and 2.

**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.

**Date/place:** 17-06-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup

**Signature:** Test responsible

Co-signatory



## Testing of Model: Gate Table

**EN 1729-1:2015 – Table A.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 <sub>1</sub> Height of top ± 20 mm	400	460	530	590	640	710	760	820
Measured						730		
t <sub>1</sub> Depth of top (min.)	-	500 <sup>a</sup>	500 <sup>a</sup>	500 <sup>a</sup>	500	500	500	500
Measured						700		
w <sub>1</sub> Width of top, per person, at front edge, where pupils sit (min.)	-	600 <sup>b</sup>	600 <sup>b</sup>	600 <sup>b</sup>	600 <sup>b</sup>	600	600	600
Measured						600		
Surface area per person (min.)	-	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>	0,15 m <sup>2</sup>
Measured						0,42 m <sup>2</sup>		
Horizontal distance between front legs/structure where pupils sit per person (min.)		500 <sup>c</sup>	500 <sup>c</sup>	500 <sup>c</sup>	500 <sup>c</sup>	500	500	500
Measured						550		
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 fulfils the requirements of size mark 5								

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## Test of Model: Gate

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

Testing	Test method	Cycles	Loading	Result
<b>6 Testing of tables</b>				
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	N/A
6.2.5 Vertical durability	EN 1730:2012, 6.5	10.000	Vertical: 600 N	Passed
5. Marking	EN 1729-1:2015			N/A
6. Instructions	EN 1729-1:2015			N/A

N/A Not applicable

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## Test of Model: Gate

### Photo

