

# Test Report

Revision 1

Report No.: 969553-3



**DANISH  
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INSTITUTE**

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Jha/jjoh/hbs  
Order no.: 969553  
No. of appendices: 3

**Item:** Model: Kupol Ø140 – V Legs – for 4 persons

Type:	Table				
Diameter:	1400 mm			Height:	725 mm
Weight:	42.8 kg				
Materials:	Birch, linoleum				

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 16-03-2021.

**Method:** **EN 1729-1:2015/AC:2016** Furniture – Chairs and tables for educational institutions - Part 1: Functional dimensions. Measured according to tables A.2 and A3.

**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 16-03-2021 to 23-03-2021.

**Result:** Model Kupol Ø140 fulfils the requirements in EN 1729-1:2015/AC:2016, Tables A.2 and A3 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.

**Note:** Rev 1 is due to typing error under "Period", page 1.

**Date/place:** 29-03-2021, Danish Technological Institute, Wood and Biomaterials, Taastrup  
Replaces report dated 24-03-2021

**Signature:** Test responsible

Co-signatory



TEST Reg.no. 2

## Testing of Model: Kupol Ø140

**EN 1729-1:2015/AC:2016 – 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						725		
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						1400		
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						930		
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						0.38		
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						750		

## Testing of Model: Kupol Ø140

### EN 1729-1:2015/AC:2016 – Table A.3

Size code	0	1	2	3	4	5	6	7
Colour code	White	Orange	Violet	Yellow	Red	Green	Blue	Brown
H <sub>2</sub>	325	380	440	495	545	610	665	725
Measured						700		
h <sub>4</sub>	275	325	375	420	465	520	565	620
Measured						700		
t <sub>2</sub>	300	300	300	300	400	400	400	400
Measured						655		
t <sub>3</sub>	400	400	400	400	500	500	500	500
Measured						655		
It fulfils the requirements of size mark 5								

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## Test of Model: Kupol Ø140

### 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	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

