

Nordic Comfort Products A/S
P.O. Box 3
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NORWAY**Determination of dimensions according to
EN 1729-1:2015**

(3 appendices)

Customer:	Nordic Comfort Products A/S
Test object/ID:	School chair/Samba Jr
Test method:	EN 1729-1:2015 Furniture - Chairs and tables for educational institutions – Part 1: Functional dimensions
Scope:	Complete test
Date of test:	2017-11-17
Test result:	The tested chair is rated as size mark 3 for chairs with single-sloped seats
Reservation:	The test results in this report apply solely to the specimen tested
Test environment:	23 ± 2°C and 50 ± 5% relative humidity

RISE Research Institutes of Sweden AB
Building Technology - Wood Technological Assessment

Performed by

Examined by

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Appendices

1. Test result (1 page)
2. Description of test object (1 page)
3. Pictures (1 page)

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Appendix 1

Test result

Abbreviations: N/A = Not applicable
N/T = Not tested

Table 1

	Dimensions for chairs with single-sloped seats	Requirements size mark 3	Measured values	Results
S	Point S	160 – 210 mm	200 mm	Pass
h ₈	Height of seat	340 – 360 mm	200 - 390 mm	Pass
t ₄	Effective depth of seat	275 – 325 mm	300 mm	Pass
b ₃	Seat width	min. 320 mm	360 mm	Pass
x	Distance between Point S and back of seat pad	max. 30 mm	> 30 mm	Pass
h ₇	Backrest height	min. 100 mm	100 mm	Pass
b ₄	Width of backrest	min. 260 mm	350 mm	Pass
r ₂	Horizontal radius of backrest	min. 300 mm	300 mm	Pass
α	Inclination of seat	(-5 ⁰) – (+7 ⁰)	-2 ⁰	Pass
γ	Angle between seat and backrest	95 ⁰ - 110 ⁰	95 ⁰	Pass
p	Height of armrest above seat	150 – 180 mm	-	N/A
r	Width between arms	360 – 410	-	N/A

The tested chair is rated as size mark 3 for chairs with single-sloped seats

Colour code according to EN 1729-1:2015 table A.1: Yellow

Size mark 3, colour code Yellow is suitable for persons with a stature range of 119 – 142 cm and a popliteal range of 31.5 – 35.5 cm according to EN 1729-1:2015

Appendix 2

Description of test Object

Test object/ID: School chair/Samba Jr

Dimensions

Width: 560 mm
Depth: 530 mm
Height: 690 - 815 mm
Seat height: 200 - 390 mm (seat – footrest)
Mass: 6.4 kg

Components

Frame/legs: Five winged plastic base
Seat shell: Plastic

Sampling: The test object was selected by the customer
Date of arrival at RISE test laboratory: 2017-10-18
Observed defects before testing: No defects

Appendix 3

Pictures



Figure 1



Figure 2



Figure 3



Figure 4