



Scandinavian Business Seating  
Fridtjof Nansens vei 12  
NO-0301 OSLO

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Initials laha/prni/hbs

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## Test Report

Material: Model: Rbm Noor 6050 Clay Metalsilver Legs

Type:	Chair				
Length:	500 mm	Width:	542 mm	Height:	830 mm
Weight:	5 kg				
Materials:	Frame: Ø 16 mm metal tubes Shell: 8 mm plastic				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 15-01-2016.

Method: EN 1729-1:2008 Furniture – Chairs and tables for educational institutions – Part 1: Functional dimensions. Measured according to table A.1.

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

Period: The testing was carried out from 15-01-2016 to 27-01-2016.

Result: Model Rbm Noor 6050 Clay Metalsilver LEGS fulfils the requirements in EN 1729-1:2008, Table A.1 and the requirements in EN 1729-2:2012, clauses 4 - 5.

Individual results appear from Appendices 1 and 2.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: The test was performed according to the attached conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

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27-01-2016, Danish Technological Institute, Wood Technology, Taastrup

Test responsible

Verifier

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## Testing of model: Rbm Noor 6050 Clay Metalsilver Legs

### EN 1729-1:2008 – Table A.1

Size code	0	1	2	3	4	5	6	7
Colour code	White	Orange	Violet	Yellow	Red	Green	Blue	Brown
1. Length of the lower leg (without shoes)	200-250	250-280	280-315	315-355	355-405	405-435	435-485	485+
2. Person height (without shoes)	800-950	930-1160	1080-1210	1190-1420	1330-1590	1460-1765	1590-1880	1740-2070
3. H <sub>8</sub> -Seat height ± 10	210	260	310	350	380	430	460	510
Measured							460	
4. T <sub>4</sub> -Effective seat depth ± 10 mm (0-2) ± 20 mm (3-7)	225	250	270	300	340	380	420	460
Measured							430	
5. B <sub>3</sub> -Min. seat width	210	240	280	320	340	360	380	400
Measured							430	
6. T <sub>7</sub> -Seat depth (min.)	Actual t <sub>4</sub> minus 20 mm	Actual t <sub>4</sub> minus 20 mm	Actual t <sub>4</sub> minus 20 mm	Actual t <sub>4</sub> minus 30 mm	Actual t <sub>4</sub> minus 30 mm	Actual t <sub>4</sub> minus 30 mm	Actual t <sub>4</sub> minus 30 mm	Actual t <sub>4</sub> minus 30 mm
Measured							435	

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Size code	0	1	2	3	4	5	6	7
Colour code	White	Orange	Violet	Yellow	Red	Green	Blue	Brown
7. H <sub>6</sub> -Height of point S- -10 to +20	140	150	160	180	190	200	210	220
Measured				180				
8. H <sub>7</sub> -Back height, min	100	100	100	100	100	100	100	100
Measured							405	
9. B <sub>4</sub> -Min. back width	-	210	250	270	270	300	330	360
Measured							468	
10. R <sub>2</sub> -The horizontal radius of the back	-	300	300	300	300	300	300	300
Measured							600	
11. β-The inclination of the back, degrees	-	95° to 110°	95° to 110°	95° to 110°	95° to 110°	95° to 110°	95° to 110°	95° to 110°
Measured							100°	

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## Testing of model: Rbm Noor 6050 Clay Metalsilver Legs

### Loading according to EN 1729-2:2012

Testing	Test Method	Cycles	Loading	Result
<b>5 Testing of chairs</b>				
5.2.2 Forward stability	EN 1022:2005 6.2		Seat: 600 N Horizontal: 20 N	Passed
5.2.3 Sideways stability	EN 1022:2005 6.4		Seat: 600 N Horizontal: 20 N	Passed
5.2.4 Rearwards stability	EN 1022:2005 6.6		Seat: 600 N Back: 180 N	Passed
5.3.2 Seat and back static load	EN 1728:2000 6.2.1	10	Seat: 2000 N Back: Max 700 N	Passed
5.3.3 Seat and back durability	EN 1728:2000 6.7	100.000	Seat: 1250 N Back: 300 N	Passed
5.3.4 Seat front edge durability	EN 1728:2000 6.8	50.000	Vertical: 800 N	Passed
5.3.5 Sideways static load	EN 1728:2000 6.13	10	Vertical: 1600 N Horizontal: Max 600 N	Passed
5.3.6 Forward static load	EN 1728:2000 6.12	10	Vertical: 1600 N Horizontal: Max 600 N	Passed
5.3.7 Seat impact	EN 1728:2000 6.15	10	Drop height: 300 mm	Passed
5.3.8 Back impact	EN 1728:2000 6.16	10	Drop height: 620 mm	Passed
5.3.9 Static load of foot rail	EN 1728:2000 6.4	10	Vertical: 1000 N	N/A
5.3.10 Drop test	EN 1729-2:2012 Annex A	5	Drop height: 600 mm	Passed

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## Testing of model: Rbm Noor 6050 Clay Metalsilver Legs

### Photo



The general conditions pertaining to assignments accepted by Danish Technological Institute shall apply in full to the technical testing or calibration at Danish Technological Institute and to the completion of test reports or calibration certificates within the relevant field.

**Danish Accreditation (DANAK):**

DANA is the national accreditation body in Denmark in compliance with EU regulation No. 765/2008.

DANA participates in the multilateral agreements for testing and calibration under European co-operation for Accreditation (EA) and under International Laboratory Accreditation Cooperation (ILAC) based on peer evaluation. Accredited test reports and calibration certificates issued by laboratories accredited by DANAK are recognized cross border by members of EA and ILAC equal to test reports and calibration certificates issued by these members' accredited laboratories.

The use of the accreditation mark on test reports and calibration certificates or reference to accreditation, documents that the service is provided as an accredited service under the company's DANAK accreditation according to EN ISO IEC 17025.

**Construction Product Directive:**

The Danish Technological Institute guarantees that employees carrying out tests to be used together with harmonized standards under notification no. 1235 according to EU regulation 305/2011, article 43, satisfy all the requirements made for capability, integrity and impartiality. You find the CPR here:

[http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/construction-products/index\\_en.htm](http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/construction-products/index_en.htm)

September 2015