

**Test report** 17-10079

**Article:** Stack S +  
4-leg, wood

**Test requested by:** Jan Jismyr  
Materia AB  
Tranås Sweden



**Tests are carried out according to standard:** EN 1729-1:2015, EN 1729-2:2012+A1, Size mark 6

**Discrepancies:** None

**Result and observations:** The sample submitted for test fulfils the requirements in above mentioned standards.

**Measurement:** Detailed information about measurement uncertainty is provided on request by Kinnarps Test and Verification Center.

**Report:** This report relates to sample submitted for test and no other. The report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Kinnarp 9<sup>th</sup> of November 2017



Approved by Daniel Landberg  
Manager Kinnarps Test- & verification Center



Tested by Susanne Norling  
Test technician



Test and method	Requirements	Test results	Fit size mark
<b>DIMENSION</b> <b>EN 1729-1</b> Seat slopes between -5° and +7°	According to size mark 6		
Seat height measured at highest point of seat      h 8	460 ± 10	450	<b>Pass</b>
Annex D and E Hight of seat above floor                                      H10	Informative	-	<b>Pass</b>
Effective depth of seat    t 4	420 ± 25	445	<b>Pass</b>
Seat width    b 3	Min 380	400	<b>Pass</b>
Distance between point S and back of seat pad      x	Max 50	0	<b>Pass</b>
Backrest height    h 7	Min 100	255	<b>Pass</b>
Width of backrest    b 4	Min 330	440	<b>Pass</b>
Horizontal radius of backrest                                      r 2	Min r 300	>300	<b>Pass</b>
Inclination of seat    α	-5° to +7°	-1,7°	<b>Pass</b>
Angle between seat and backrest                              γ	95° to 110°	109°	<b>Pass</b>
Height of armrest above seat                                      p	230 +10 to -20	-	<b>N/A</b>
Width between armrests    r	460 to 510	-	<b>N/A</b>
Distance from backrest to front edge of armrest max    q	275	-	<b>N/A</b>
With of armrest    o	Min 20	-	<b>N/A</b>
Length of armrest    n	Min 80	-	<b>N/A</b>
Length of footrest    n	Min 300	-	<b>N/A</b>
Depth of footrest    n	Min 40	-	<b>N/A</b>
Adjustable chairs Annex A.4 / D4	Shall cover 2 or more sizemarks and have easy accessible adjustments	-	<b>N/A</b>
<b>5 MARKING</b> <b>EN 1729-1</b>		-	<b>N/A</b>
Size mark identification, Name of manufacturer, Date of production	easily visible	<i>No remarks</i>	<b>Pass</b>
High chairs Information of reference to table high	Label or information to web address	-	<b>N/A</b>
<b>6 INSTRUCTIONS</b>			
Instructions for Maintenance, Installation for multi-size furniture, adjustability and warning concerning gas lifts	Label or information to web address	<i>No remarks</i>	<b>Pass</b>



Test and method	Requirements	Test results	Pass/Fail or N/A
<b>STRENGTH AND DURABILITY</b> <b>EN 1729-2:2012 ( sizemark 6-7)</b>	<b>5.3</b> No damage, no loss of functions, no visible fracture or breakage		
<i>Static load on Seat 2000N Backrest max 700N</i>	5.3.2 10 c	No remarks	<b>Pass</b>
<i>Durability on seat 1250N Backrest 300N</i>	5.3.3 100 000 c	No remarks	<b>Pass</b>
<i>Seat front edge durability Load 800N</i>	5.3.4 50 000 c	No remarks	<b>Pass</b>
<i>Sideway static load Vertical load 1600N Horizontal load max 500N</i>	5.3.5 10 c	No remarks	<b>Pass</b>
<i>Forward static load Vertical load 1600N Horizontal load max 600N</i>	5.3.6 10 c	No remarks	<b>Pass</b>
<i>Seat impact Drop height 300 mm</i>	5.3.7 10 c	No remarks	<b>Pass</b>
<i>Back impact Fall height 620 mm</i>	5.3.8 10c	No remarks	<b>Pass</b>
<i>Static load of foot rail Vertical load 1300N</i>	5.3.9 10 c	-	<b>N/A</b>
<i>Drop test Front leg and rear leg drop height 600 mm</i>	5.3.10 5 c	No remarks	<b>Pass</b>
<i>Foot rail durability Vertical load 1000 N</i>	5.3.11 50 000c	-	<b>N/A</b>
<i>Armrest static load Vertical load 600N</i>	5.3.12 10c	-	<b>N/A</b>
<b>Remarks, comments;</b>			

*End of report*