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Testing of Robust changing table

(1 appendix)

1 Introduction

On behalf of B.I Skötbordsspecialisten AB, a Robust changing table has been tested at SP in accordance with EN 12221:2008+A1:2013 Changing Units for Domestic Use. Part 1 Safety Requirements and Part 2 Test Methods.

2 Test specimen



Figure 1 Robust changing table

Changing area: L=762 mm, W=560 mm
Height of barriers: 70 mm
Materials: Solid wood and wood board

The test specimen was selected by the customer and arrived at SP 2014-02-14. An updated version of the gas damper arrived at SP 2016-04-20.

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3 Test methods and test procedure

The test was carried out according to EN 12221:2008+A1:2013 Changing Units for Domestic Use. Part 1 Safety Requirements and EN 12221:2008+A1:2013 Changing Units for Domestic Use. Part 2 Test Methods. The test was carried out in a climate of $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%$ relative humidity.

The test methods are explained in table 1.

The test was carried out 2014-03-20 – 2014-03-24 and 2016-05-19.

4 Results

Table 1

1.	Durability and safety	EN 12221-1	Results
1.1	Dimensions Minimum requirement: Type 1 changing units is L=650 mm, W=380 mm Type 2 changing units is L=750 mm, W=550 mm	4.1	Classified as type 2
1.2	Wood	4.2.1	Pass
1.3	Surfaces and materials (EN 71-3)	4.2.2	Pass ¹
1.4	Entrapment of fingers	5.1.1	Pass
1.5	Entrapment of limbs	5.1.2	Pass
1.6	Entrapment of head, neck and torso	5.1.3	Pass
1.7	Cords, strings and other narrow fabrics	5.1.4	N/A
1.8	Loops	5.1.5	N/A
1.9	Edges and protruding parts	5.2	Pass
1.10	Moving parts	5.3	N/A
1.11	Locking and folding mechanisms of the complete unit	5.4	N/A
1.12	Small detachable components	5.5	Pass
1.13	Castors/wheels	5.6	N/A
1.14	Self-tapping screws	5.7	Pass
1.15	Stability	5.8	N/A
1.16	Strength	5.9	Pass

¹ Se SP Report 4P03287-01 regarding changing pad
Statement from Sherwin-Williams regarding lacquer

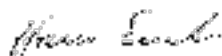
1.	Durability and safety	EN 12221-1	Results
1.18	Extension elements located above the changing area	5.10	N/A
1.19	Barriers	5.11	Pass
1.20	Plastic packaging	6.	N/A
1.21	Instructions for use	7.	N/A ²
1.22	Marking	8.	Pass
1.23	Purchase information	9.	N/A ²

²The changing table is not intended for home use

The test results apply solely to the specimen tested.

SP Technical Research Institute of Sweden Wood Technology

Performed by



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Appendix

1 Pictures (1 page)

Appendix 1

Pictures



Figure 1



Figure 2