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Testing of PodWork floor standing screen

(1 appendix)

Summary

PodWork floor standing screen met the requirements for safety according to EN 1023-2, -3:2000 and is classified as type 3 “Eye contact in the standing position” according to EN 1023-1:1996.

1 Introduction

On behalf of Martela AB, a PodWork floor standing screen has been tested at SP in accordance with EN 1023:2000 Office furniture - Screens - Part 2: Mechanical safety requirements, Part 3: Test methods and EN 1023:1996 Office furniture - Screens - Part 1: Dimensions.

2 Test specimen



Figure 1 PodWork floor standing screen

Dimension: W=158 cm, H=130 cm, D=118 cm
Frame: Wood based panels, fabric upholstery
Table top: 144x60 cm in laminated MDF, supported with a metal beam 40x20 mm
Levelling feet: 6 pcs in plastic and metal

The test specimen was selected by the customer and arrived at SP 2015-02-02.

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3 Test methods and test procedure

Tests were carried out according to:

EN 1023-1:1996 Office furniture - Screens - Part 1: Dimensions

EN 1023-2:2000 Office furniture - Screens - Part 2: Mechanical safety requirements

EN 1023-3:2000 Office furniture - Screens - Part 3: Test methods

The test methods are explained in table 1.

The tests were carried out 2015-03-09 – 2015-03-11.

4 Results

Table 1

Test	Method	Results
Height	EN 1023-1	Type 3 Eye contact in the standing position
General safety requirements	EN 1023-2 clause 3	Passed
Stability	EN 1023-3 clause 6.1	Passed
Strength of load bearing screens 40 kg	EN 1023-3 clause 6.4.2	Passed

5 Conclusion

At the end of the test, the tested piece did not exhibit any faults, fractures or other damage judged to affect its safety and functions when used in accordance with EN 1023-2, -3.

The tested screen is classified as type 3 “Eye contact in the standing position” according to EN 1023-1.

The test results apply solely to the specimen tested.

SP Technical Research Institute of Sweden Wood Technology

Performed by

Examined by

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Appendix

1 Pictures (1 page)

Appendix 1

Pictures



Figure 1 Test specimen, front view



Figure 2 Test specimen, underneath