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Testing of screens for office use

(3 appendices)

Customer:	Abstracta AB
Test object/ID:	Floor screen/DB floor screen Whiteboard 181.5x80
Test method:	Möbelfakta requirements specification 2016-07-01 for table-mounted screens EN 1023-2:2000 Office furniture - Screens - Mechanical safety requirements EN 1023-3:2000 Office furniture - Screens - Test methods EN 1023-1:1996: Office furniture - Screens - Dimensions
Test environment:	23 ± 2°C and 50 ± 5% relative humidity
Scope:	Complete test
Date of test:	2019-11-27
Test result:	The tested object passed the test
Reservation:	The test results in this report apply solely to the specimen tested

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

Performed by

Examined by

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Appendices

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

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Accred. No. 1002
Testing
ISO/IEC 17025

Appendix 1

Test result

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

Table 1

	Requirements	Method	Cycles	Load	Results
1.1	Horizontal static force on table mounted screen (100 mm from top edge of screen)	EN 14074 6.3.2	10	80 N	N/A
1.2	Functional test Vertical static force on table mounted screen (100 mm from the edge)	Möbelfakta Requirements Specification 2016-07-01	10	200 N	N/A
1.3	Safety test Vertical static force on table mounted screen (100 mm from the edge)	Möbelfakta Requirements Specification 2016-07-01	10	300 N	N/A
1.4	Stability for non-load bearing screens Screen displacement 200 mm	EN 1023-3 6.1	1	Max 200 N	Pass
1.5	Stability for load bearing screens Screen displacement 200 mm	EN 1023-3 6.2	1	Max 200 N	N/A
1.6	Dislodgement test for screen mounted components Work surface Other components 100 N	EN 1023-3 6.3	 1 1	 200 N 100 N	 N/A N/A
1.7	Loadbearing screens Load = 2 times the manufacturer's maximum recommended weight	EN 1023-3 6.4	1 24h		N/A
1.8	Edges and corners of the screen with which the user comes into contact are rounded and free from burrs. Ends of hollow components are closed or capped. Movable and adjustable parts are so designed that injuries and inadvertent operation are avoided. The manufacturer shall indicate in his instruction manual how to use the screen in combination with add-on elements, as well as the admissible load for each type of screen.	EN 1023-2 3.			Pass

Appendix 1

Note. For table mounted screens:

The classification assumes that the screen is mounted on a table with a height of 720 mm

Table 2

2.	Dimension	EN 1023-1	Classification
2.	Eye contact in the sitting position: Height \leq 1100 mm	2.1	
2.2	No eye contact in the sitting position: Height \geq 1400 mm	2.1	
2.3	Eye contact in the standing position: Height \leq 1400 mm	2.1	
2.4	No eye contact in the standing position: Height \geq 1800 mm	2.1	x

Appendix 2

Description of test object

Test object/ID: Floor screen/DB floor screen Whiteboard 181.5x80

Dimensions

Height: 1815 mm
Width: 800 mm
Thickness /depth: 30/165 mm
Mass: 30.5 kg

Components

Frame: Aluminium frame, enamel metal sides
Feet: 8 mm bent metal sheet with extra weight attached to it

Sampling: The test object was selected by the customer
Date of arrival at
RISE test laboratory: 2019-09-24
Observed defects before testing: No defects

Appendix 3

Pictures

Figure 1



Figure 2

Appendix 3



Figure 3



Figure 4