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Testing of screens for office use

(3 appendices)

Customer:	Boom Interior AB
Test object/ID:	Floor screen/Xrozz FloorScreen / Acowall FloorScreen
Test method:	Möbelfakta requirements specification 2021-11-01 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:	2022-10-27
Test result:	The tested object passed the test
Reservation:	The test results in this report apply solely to the specimen tested
Measurement uncertainty:	Decision rule according to EN ISO IEC 17025:2018 clause 3.7 No account is taken of measurement uncertainty when reporting numerical results

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Performed by



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Appendices

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

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Testing
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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)	Möbelfakta Requirements Specification 2021-11-01	10	80 N	N/A
1.2	Functional test Vertical static force on table mounted screen (100 mm from the edge)	Möbelfakta Requirements Specification 2021-11-01	10	200 N	N/A
1.3	Safety test Vertical static force on table mounted screen (100 mm from the edge)	Möbelfakta Requirements Specification 2021-11-01	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
1.7	Loadbearing screens Load = 2 times the manufacturer's maximum recommended load	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

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	X
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	

Appendix 2

Test object

Test object/ID: Floor screen/Xrozz FloorScreen / Acowall FloorScreen

Dimensions ¹

Height: 1570 mm
Width: 710 mm
Thickness /depth: 60/395 mm
Mass: 11.5 kg

Components

Frame: Wooden frame
Core: Sound absorbing material
Upholstery: Fabric
Feet: Solid wood 50x40 mm

Sampling: The test object was selected by the customer
Date of arrival at RISE test laboratory: 2022-10-27
Observed defects before testing: No defects

¹ The dimensions are only intended to unambiguously identify the test object and do not claim to be metrologically accurate