

Boom Interior AB
Södergatan 1
51434 Tranemo
SWEDEN

Testing of screens for office use

(3 appendices)

Customer:	Boom Interior AB
Test object/ID:	Table screen/Xrozz, Sound (clamp attachment)
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:	2017-01-19
Test result:	The tested object passed the test
Reservation:	The test results in this report apply only to the particular Equipment Under Test (EUT)

Additional information:

SP Technical Research Institute of Sweden Building Technology - Wood Technological Assessment

Performed by

Examined by

Hans Eriksson
Appendices

Bengt-Åke Andersson

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

SP Technical Research Institute of Sweden

Postal address
SP
Box 857
SE-501 15 BORÅS
Sweden

Office location
Brinellgatan 4
SE-504 62 BORÅS

Phone / Fax / E-mail
+46 10 516 50 00
+46 33 13 55 02
info@sp.se

Laboratories are accredited by the Swedish Board for Accreditation and Conformity Assessment (SWEDAC) under the terms of Swedish legislation. This report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Appendix 1

Test result

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

Table 1

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	Pass
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	Pass
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	Pass
1.4	Stability for non-load bearing screens Screen displacement 200 mm	EN 1023-3 6.1	1	Max 200 N	N/A
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 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

The screen height above of the table top is 580 mm

It causes a screen height of 1300 mm (720+580 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	X
2.4	No eye contact in the standing position: Height \geq 1800 mm	2.1	

Appendix 2

Description of test object

Test object/ID: Table screen/Xrozz, Sound (clamp attachment)

Dimensions

Height: 810 mm
Width: 1620 mm
Thickness /depth: 37 mm
Mass: 6.2 kg (including brackets)

Components

Frame: Solid wood
Core: Acoustic material of PET
Upholstery: Fabric
Screen attachment: Two brackets, see figure 2, 3 in appendix 3

Sampling: The test object was selected by the customer
Date of arrival at SP test laboratory: 2017-01-19
Observed defects before testing: No defects

Appendix 3

Pictures



Figure 1



Figure 2

Appendix 3

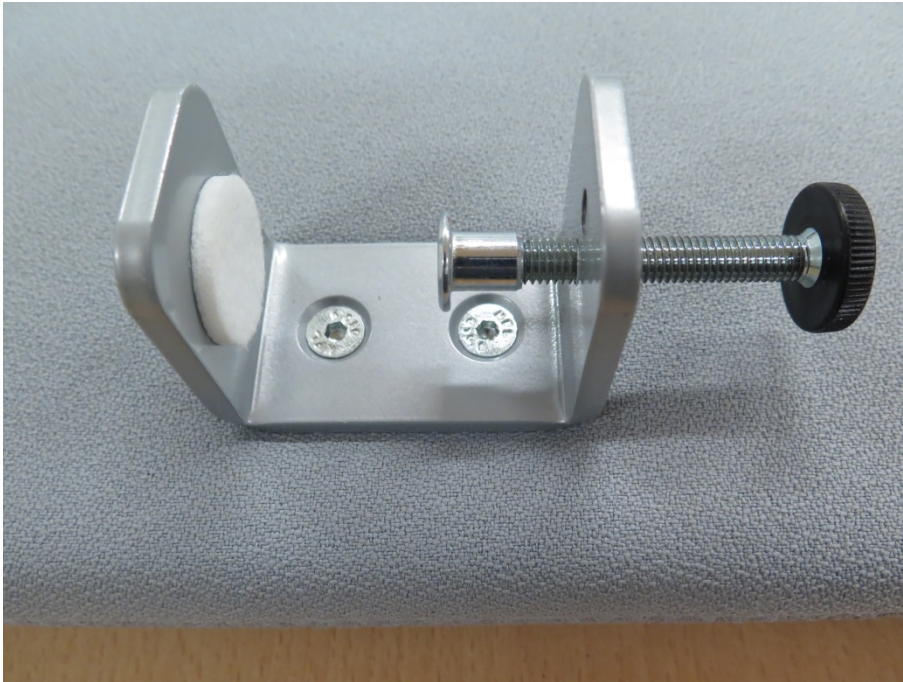


Figure 3