

Test Report

Report No.: 853925-5



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Page 1 of 1
Jju/jha/hbs
Order no.: 853925
No. of appendices: 2

Subject: Model: FourCast@2 Line

Type:	Chair				
Length:	535 mm	Width:	510 mm	Height:	850 mm
Weight:	4.74 kg				
Materials:	Seat/back: Standard PP shell Base: Stainless steel				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 13-06-2019.

Method: ANSI/BIFMA X5.1-2017 American National Standard For Office Furnishings - **General Purpose Office Chairs – Tests**

Tested for a user weight up to 125 kg

Period: The testing was carried out from 13-06-2019 to 19-08-2019.

Result: Model FourCast@2 Line fulfils the requirements of ANSI/BIFMA X5.1-2017, Type III

Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.

Date/place: 19-08-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup

Jesper
Junge
Pedersen
Digitally signed
by Jesper Junge
Pedersen
Date: 2019.08.22
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Jan
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Signature: Test responsible

Co-signatory



Order no. 853925-5
Appendix 1
Page 1 of 1
Initials jju/jha/hbs

Testing of Model: FourCast@2 Line

ANSI/BIFMA X5.1-2017 – Type III

Test		Result
5.	Backrest strength test – static – Type I and II	N/A
6.	Backrest strength test – static – Type III	Passed
7.	Drop test - dynamic	Passed
8.	Swivel test – cyclic	N/A
9.	Tilt mechanism test - cyclic	N/A
10.	Seating durability test - cyclic	Passed
11.	Stability tests	Passed
12.	Arm strength test – vertical - static	N/A
13.	Arm strength test – horizontal - static	N/A
14.	Backrest durability test – cyclic – Type I	N/A
15.	Backrest durability test – cyclic – Type II and Type III	Passed
16.	Caster/chair base durability test – cyclic	N/A
17.	Leg strength test – front and side application	Passed
18.	Footrest static load test – vertical	N/A
19.	Footrest durability test – vertical – cyclic	N/A
20.	Arm durability test – cyclic	N/A
21.	Out stop test for chairs with manually adjustable seat depth	N/A
22.	Tablet arm chair static load test	N/A
23.	Tablet arm chair load ease test – cyclic	N/A
24.	Structural durability test – cyclic	Passed

N/A – Not applicable

Order no. 853925-5
Appendix 2
Page 1 of 1
Initials jju/jha/hbs

Testing of Model: FourCast®2 Line

Photo

