

Test Report

Revision 1

Report No.: 853925-3



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INSTITUTE**

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Jju/jha/hbs
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No. of appendices: 2

Subject: Model: FourCast®2 Four

Type:	Chair				
Length:	520 mm	Width:	525 mm	Height:	850 mm
Weight:	5.72 kg				
Materials:	Seat/back: Standard PP shell Base: Chrome				

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 Four 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.

Note: Rev 1 due to removal of "HF fire retardant shell" under "Materials", page 1 and changing the base materials from stainless steel to chrome

Date/place: 23-08-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup
Replaces report dated 20-08-2019

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Appendix 1
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Testing of Model: FourCast®2 Four

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

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Testing of Model: FourCast®2 Four

Photo

