

# Test Report

Report No.: 804163-2



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**Subject:** Model: Four Cast2 High Four – also covers Four Cast2 Counter Four

Type:	Chair				
Length:	500 mm	Width:	570 mm	Height:	1070 mm
Weight	6.9 kg				
Materials:	Steel, plastic				

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 19-03-2018.

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


**Period:** The testing was carried out from 20-03-2018 to 03-04-2018.

**Result:** Model Four Cast2 High 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:** The accredited test was carried out according to DANAK's general conditions see [www.danak.dk](http://www.danak.dk) and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

**Date/place:** 03-04-2018, Danish Technological Institute, Wood and Biomaterials, Taastrup

  
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## Testing of Model: Four Cast2 High 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	Passed
19.	Footrest durability test – vertical – cyclic	Passed
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	N/A

N/A – Not applicable

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## **Testing of Model: Four Cast2 High Four**

### **Photo**

