

# Test Report

Revision 1

Report No.: 853925-8



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

Gregersensvej  
DK-2630 Taastrup  
Tel. +45 72 20 20 00  
Fax +45 72 20 20 19

info@teknologisk.dk  
www.teknologisk.dk

**Assignor:** FourDesign  
Faaborgvej 14  
DK-5854 Gislev

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

**Subject:** Model: FourSure®105 also covers FourSure®90

Type:	Chair				
Length:	550 mm	Width:	515 mm	Height:	1115 mm
Weight:	7.84 kg				
Materials:	Seat/back: PP Base: Chrome				

**Sampling:** The test material was sampled by the client and received at the Danish Technological Institute 26-08-2019.

**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 27-08-2019 to 03-10-2019

**Result:** Model FourSure®105 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 "high" after FourSure®105 and removal of "counter" after FourSure®90 under subject

**Date/place:** 18-10-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup  
Replaces report dated 04-10-2019

Jesper  
Junge  
Pedersen  
Digitally signed  
by Jesper Junge  
Pedersen  
Date: 2019.10.22  
15:56:34 +02'00'

Jan  
Hansen  
Digitally  
signed by Jan  
Hansen  
Date:  
2019.10.24  
10:33:33  
+02'00'

**Signature:** Test responsible

Co-signatory



Order no. 853925-8 rev 1  
Appendix 1  
Page 1 of 1  
Initials jju/jha/hbs

## Testing of Model: FourSure®105

### 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

Order no. 853925-8 rev 1  
Appendix 2  
Page 1 of 1  
Initials jju/jha/hbs

## Testing of Model: FourSure®105

### Photo

