

# AIDIMME

## TECHNOLOGY INSTITUTE

### TEST CERTIFICATE N. 231.Z.2306.340.EN.01

References: 2303015-01, 02, 2312132-01, 2404026-04-Ci

**PRODUCT:** **KORI CHAIR**  
Armchair RA 5 spoke aluminum base  
on casters (swivel+gas lift+synchro)

**COMPANY:** **INCLASS DESIGNWORKS, S.L.**  
CTRA. ESTACIÓN S/N, POLÍGONO I-4 P.5  
03330 CREVILLENTE – Alicante - SPAIN  
[www.inclass.es](http://www.inclass.es)

**TEST:** Compliance with the following standard:  
**ANSI/BIFMA X5.1-2017**  
General-Purpose Office Chairs – Tests.



**RESULT:** The model tested satisfactorily fulfils the specifications for the standard used for office work chairs, in the following tests applicable to the product:

TEST	RESULT
4. Type of chair	Type I
5. Backrest strength test ( $F_{h1} = 667$ N, $t = 1$ min, $F_{h2} = 1\ 001$ N, $t = 1$ min)	CORRECT
7. Impact test ( $h = 152$ mm, $M_1 = 102$ kg, $M_2 = 136$ kg)	CORRECT
8. Swivel test ( $Q = 122$ kg, $n = 120\ 000$ cycles)	CORRECT
9. Tilt mechanism test ( $Q = 109$ kg, $N = 300\ 000$ cycles)	CORRECT
10. Seating durability test	
10.3 Impact test ( $M = 57$ kg, $h = 36$ mm, $n = 100\ 000$ cycles)	CORRECT
10.4 Front corner load-ease test ( $F_v = 890$ N, $n = 40\ 000$ cycles)	CORRECT
11. Stability: 11.3.2 Rear	STABLE
11.4 Front	STABLE
12. Arm strength test. Vertical ( $F_{v1} = 750$ N, $t = 1$ min, $F_{v2} = 1125$ N, $t = 15$ sec)	CORRECT
13. Arm strength test. Horizontal ( $F_{h1} = 445$ N, $t = 1$ min, $F_{h2} = 667$ N, $t = 15$ sec)	CORRECT
14. Backrest durability	
(Unblocked: $F_h = 445$ N, $F_v = 109$ kg, $n = 80\ 000 + 20\ 000 + 20\ 000$ cycles)	CORRECT
(Blocked: $F_h = 334$ N, $F_v = 109$ kg, $n = 80\ 000 + 20\ 000 + 20\ 000$ cycles)	CORRECT
16. Caster/Chair base durability ( $M = 122$ kg, $n = 100\ 000$ cycles)	CORRECT
20. Arm durability test ( $F = 400$ N, $n = 60\ 000$ cycles)	CORRECT

Paterna, May 7, 2024

Signed: José Emilio Nuévalos  
Furniture and Products Laboratory  
Manager

This certificate only refers to the samples tested by the AIDIMME laboratory.

The particular results of the tests are described in technical report N. 231.I.2405.304.ES.01 dated on 07/05/2024.

AIDIMME is a member of INNOVAWOOD, the European Innovation Network for the Forestry, Wood and Furniture Industry, among whose members they are: BRE-CTTC (United Kingdom), COSMOB (Italy), DTI (Denmark), FCBA (France), ITD (Poland), SHR (Netherlands), RISE (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), WKI (Germany)

AIDIMME. METAL-PROCESSING, FURNITURE, WOOD AND PACKAGING TECHNOLOGY INSTITUTE

Parque Tecnológico - Calle Benjamín Franklin, 13  
CIF: ESG46261590 - 46980 PATERNA (Valencia) ESPAÑA  
Phone: +34 96 136 60 70 - Fax: 96 136 61 85

aidimme@aidimme.es  
www.aidimme.es