AIDIMME
Technology Institute

TEST CERTIFICATE N. 231.Z.2506.314.EN.01

Reference: 2505079-02-Ci

PRODUCT: **KERN,** SOFA 3 SEATS



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

TEST: Compliance with the following standard:
ANSI BIFMA X5.4:2020 Public and Lounge Seating

RESULT: Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2020, for multiple style A seats, according to the following tests applicable to the model:

TEST	RESULT
4. Type of chair	
5. Backrest horizontal static load test. (Fh_1= 667N, t=1 min. Fh_2 = 1112N, t =10 sec)	**Multiple Style A**
6. Backrest horizontal static load test. (F_{h1}= 890N, F_{h2} = 1334 N, t=1 min)	**CORRECT**
7. Backrest durability Test. Horizontal. (Fh= 334 N, n= 120 000 cycles)	**CORRECT**
8. Backrest durability Test. Vertical. (Fv= 890N, n= 10 000 cycles)	**CORRECT**
9. Arm strength test. Horizontal. (Fh_1= 592 N, t= 1 min. Fh_2 = 890 N, t=10 sec)	**CORRECT**
10. Arm strength test. Vertical. (F_{v1} = 750 N, t=1 min. F_{v2}= 1125 N, t=10 sec)	**CORRECT**
11. Arm durability test for multiple seating units. Horizontal (F_h= 445 N, n= 50 000 cycles)	**CORRECT**
12. Arm durability test for multiple seating units. Vertical (F_v= 667 N, n= 50 000 cycles)	**CORRECT**
14. Seating durability test. (M= 57 kg, n= 100 000 cycles)	**CORRECT**
15. Impact test. (h=152 mm, M_1=102 kg, M_2=136 kg)	**CORRECT**
16.3. Leg forward static load test (Fh_1 = 334 N, Fh_2 = 503 N, t=10 sec)	**CORRECT**
16.4. Leg sideways static load test (Fh_1 = 334 N, Fh_2 = 503 N, t=10 sec)	**CORRECT**
17. Unit drop test. (h = 120 mm, n= 2 times)	**CORRECT**
21.3 & 21.5 Front and rear stability test	**STABLE**
24. Structural durability test (Fh= 334N, n= 25 000 cycles)	**CORRECT**

Paterna, June 26, 2025

P.A. Carlos Medina Laguna

AIDIMME
INSTITUTO TECNOLÓGICO

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.2506.313.ES.01 dated on 26/06/2025.

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