

AIDIMME

TECHNOLOGY INSTITUTE

TEST CERTIFICATE N. 231.Z.2404.286.EN.01

References: 2407133-02, 04 -Ci

PRODUCT: **WABAO**
Multipurpose armchair / Lounge armchair

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 models:

TEST	RESULT
4. Type of chair	Multiple Style A
5. Backrest horizontal static load test. (F_{h1} = 667N, t =1 min. F_{h2} = 1112N, t =10 sec)	CORRECT
6. Backrest horizontal static load test. (F_{h1} = 890N, F_{h2} = 1334 N, t =1 min.)	CORRECT
7. Backrest durability Test. Horizontal. (F_h = 334 N, n = 120 000 cycles)	CORRECT
8. Backrest durability Test. Vertical. (F_v = 890N, n = 10 000 cycles)	CORRECT
9. Arm strength test. Horizontal. (F_{h1} = 445N, t = 1 min. F_{h2} = 667N, t =10sec)	CORRECT
10. Arm strength test. Vertical. (F_{v1} = 890 N, t =1 min. F_{v2} = 1335 N, t =10 sec)	CORRECT
13. Arm durability test. Angular. Cyclic (single seats) (F = 400N, n = 60 000 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
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 F_h = 334N, n = 25 000 cycles)	CORRECT

Paterna, September 20, 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.2408.473.ES.01 dated on 06/08/2024.

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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