

TEST CERTIFICATE N. 231.X.2009.361.EN.01

References: 2007059-04, 05, 2010013-01, 02, 2010228-01, 02, 2101105-01, 02-Ci

PRODUCT: ARUM ARMCHAIR

COMPANY: INCLASS DESIGNWORKS, S.L.
Cno. Estación Poligono I-4 P.5
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TEST: Compliance with the following standards:
ANSI BIFMA X5.4:2020 Public and Lounge Seating

RESULT: Satisfactorily complies with the specifications set by the ANSI BIFMA X5.4:2020 for single seating style A, in the following tests applicable to the products:

TEST	RESULT
4. Types of Lounge Seating. (single seating)	Style A
5. Backrest static load test. Horizontal. ($F_{h1} = 667N$, $t = 1$ min. $F_{h2} = 1112N$, $t = 10$ sec)	CORRECT
7. Backrest durability test. Horizontal. ($F_h = 334$ N, $n = 120.000$ cycles)	CORRECT
9. Arm strength test. Horizontal. (F_{h1} outward-inward = 445N / 592N, $t = 1$ min. F_{h2} outward-inward = 667N / 890N, $t = 10$ sec)	CORRECT
10. Arm strength test. Vertical. ($F_{v1} = 750$ N/890 N, $t = 1$ min. $F_{v2} = 1125$ N/1335 N, $t = 1$ min)	CORRECT
14. Seating durability test. ($M = 57$ kg, $h = 30$ mm, $n = 100.000$ cycles)	CORRECT
15. Impact test. ($h = 152$ mm, $M_1 = 102$ kg, $M_2 = 136$ kg)	CORRECT
16. 3. Leg Strength Test. Front. ($F_{h1} = 334N$ $t = 1$ min, $F_{h2} = 503N$, $t = 10$ sec)	CORRECT
16.4. Leg Strength Test. Side. ($F_{h1} = 334N$, $t = 1$ min, $F_{h2} = 503N$, $t = 10$ sec)	CORRECT
17. Unit drop test – Dynamic. ($h = 180$ mm, $n = 2$ times)	CORRECT
21.3 & 21.5 Front and rear stability test.	STABLE
24. Structural durability test. ($Q = 109$ kg, $F_h 334N$, $n = 25.000$ cycles)	CORRECT

Paterna, February 17, 2021

P.A.




Signed: José Emilio Nuévalos
Furniture and Products Laboratory
Head of Section

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.2102.080.ES.01 dated on 15/02/2021.

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