

**TEST CERTIFICATE N. 231.Z.1909.497.EN.02**

Reference: 1906115-03-Ci

**PRODUCT:** **SOLID LOUNGE CHAIR 55023**

**COMPANY:** **VONDOM, S.L.U.**  
Avda. de Valencia, nº 3  
46891 PALOMAR, Valencia, SPAIN  
[www.vondom.com](http://www.vondom.com)



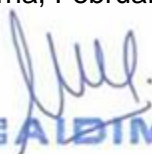

**TEST:** Compliance with the following standard:  
**ANSI/BIFMA X5.4-2012** Lounge and Public Seating. Test

**RESULT:** Satisfactorily complies with specifications of standard in following tests, apply to the model, for single type A seats:

TEST	RESULT
4. Type of chair (simple seat)	Type A
5. Backrest horizontal static load test ( $F_{h1} = 667$ N, $F_{h2} = 1\ 112$ N, $t=1$ min.)	CORRECT
6. Backrest strength test. Vertical. Static ( $F_{v1} = 890$ N, $F_{v2} = 1\ 334$ N, $t=1$ min)	CORRECT
7. Backrest durability Test. Horizontal. ( $F_{h1} = 334$ N, $n = 120\ 000$ cycles)	CORRECT
8. Backrest durability Test. Vertical ( $F_v = 890$ N, $n = 10\ 000$ cycles)	CORRECT
9. Arm Strength test. Horizontal static load ( $F_{h1} = 445$ N, $F_{h2} = 667$ N, $t=1$ min)	CORRECT
10. Arm Strength test. Vertical static load ( $F_{v1} = 750$ N, $F_{v2} = 1125$ N, $t=1$ min.)	CORRECT
13. Arm durability test. ( $F = 400$ N, $n = 60\ 000$ cycles)	CORRECT
14. Seating durability test (M= 57 kg, h= 31 mm., $n = 100\ 000$ cycles)	CORRECT
15. Impact test. (h=152 mm, $M_1 = 102$ kg, $M_2 = 136$ kg)	CORRECT
16.3 Leg sideways static load test. ( $F_{h1} = 334$ N, $F_{h2} = 503$ N)	CORRECT
16.4 Leg forward static load test. ( $F_{h1} = 334$ N, $F_{h2} = 503$ N)	CORRECT
21.3 & 21.5 Front and rear stability test	STABLE

Paterna, February 27, 2020

P.A.

  
**AIDIMME** 

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

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

The particular results of the tests are described in technical report n. 231.I.1909.497.ES.02 dated on 05/02/2020.

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