

## TEST CERTIFICATE Nº 231.Z.1805.271.EN.01

Reference: 1804158-01- Ci

**PRODUCT:** ALETA LOUNG CHAIR

**COMPANY:** **VICCARBE HABITAT, S.L.**  
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**TEST:** Compliance with the following standards:  
**ANSI/BIFMA X5.4-2012** Lounge and Public Seating. Test. **UNE-EN 16139:2013vc2015** Furniture. Strength, durability and safety. Requirements for non-domestic seating.

**RESULT:** Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2012, for single type C seat and UNE-EN 16139:2013vc2015 for non-domestic use seats, level 1 general use, according to the following tests,

TESTS		RESULT
<b>ANSI/BIFMA X5.4-2012</b>	4.Types of Lounge Seating (simple seat) 5. Backrest horizontal static load test (Fh <sub>1</sub> = 667 N, Fh <sub>2</sub> = 1 112 N, t = 1 min.) 7. Backrest durability Test. Horizontal (Fh = 334 N, Fv = 102 Kg, n = 120 000 cycles) 14.Seating durability test (M = 57 kg, h = 30 mm., n = 100 000 cycles) 15. Impact test (h = 152 mm., M <sub>1</sub> = 102 kg, M <sub>2</sub> = 136 kg.) 16.3 Leg sideways static load test (Fh <sub>1</sub> = 334 N, Fh <sub>2</sub> = 503 N, t = 1 min.) 16.4 Leg forward static load test (Fh <sub>1</sub> = 334 N, Fh <sub>2</sub> = 503 N, t = 1 min.) 21.3 & 21.5 Front and rear stability test	Type C CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT STABLE
<b>UNE-EN 16139:2013 vc2015</b>	4. Safety. General requirements 4.3. Determination of stability (front , side, rear ) 4.5. Safety of the construction: 1. Seat and back static load test (Fv = 1 600N, Fh = 560N, 10 times) 2. Seat front edge static load test (Fv = 1 300N, 10 times) 3. Vertical static load on back (Fv = 600N, Q = 1 300N, 10 times) 8. Seat and back durability test (Fv = 1 000N, Fh = 334N, n = 120 000 cycles) 9. Seat front edge durability test (Fv = 800N, n = 50 000 cycles) 12. Leg forward static load test (Q = 1 000 N, Fh = 500 N, 10 times) 13. Leg sideways static load test (Q = 1 000 N, Fh = 400 N, 10 times) 14. Seat impact test (h = 240 mm., 10 times) Annex A2. Backward fall test (5 times)	CORRECT STABLE CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT

Paterna, June 22, 2018



Signed. José Emilio Nuévalos  
 Head of Furniture and Products Laboratory

This certificate only refers to the samples tested by the AIDIMME laboratory.  
 The particular results of the tests are described in technical report: nº 231.I.1805.271.ES.01 dated 05 /24/2018.

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