

TEST CERTIFICATE n. 231.Z.2005.186.EN.01

Reference: 2001101-02- -Ci

PRODUCT: COPA CHAIR PYRAMID SWIVEL BASE

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 types A seats and **UNE-EN 16139:2013vc2015** for non-domestic use seats, level 1 general use, according to the following tests:

TESTS		RESULT
ANSI/BIFMA X5.4-2012	4. Type of chair (simple seat) 5. Backrest horizontal static load test (F _{H1} = 667 N, F _{H2} = 1112 N, t=1 min.) 7. Backrest durability Test. Horizontal. (F _H = 334 N, 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 ₁ =102 kg, M ₂ =136 kg) 21.3 & 21.5 Front and rear stability test	Type A CORRECT CORRECT CORRECT CORRECT STABLE
UNE-EN 16139:2013 vc2015	4.1. – 4.2 Safety. General requirements and Shear and squeeze points STABILITY 7.3.– Test procedures, all seating (UNE EN 1022:2019) (7.3.1. Forwards overturning; 7.3.5. Sideways overturning, all other seating; 7.3.6. Rearwards overturning all seating with back rests) 5. Strength, Durability and Safety Requirements: Test 1. Seat and back static load test (F _V =1600 N, F _H =560 N, 10 times) Test 2. Seat front edge static load test (F _V = 1300 N, 10 times) Test 3. Vertical static load on back (F _V = 600 N, Q = 1300 N, 10 times) Test 8. Seat and back durability test (F _V =1 000 N, F _H =300 N, n= 100 000 cycles) Test 9. Seat front edge durability test (F _V = 800 N, n= 50 000 cycles) Test 14. Seat impact test (h= 240 mm., 10 times) Annex A.2 Backward fall test (5 times)	APPROVED STABLE CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT APPROVED

Valencia, May 12, 2020

P.A.

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 the technical reports N° 231.I.2005.186.ES.01 dated on May 6, 2020, N° 231.I.2003.092.ES.01 dated on March 10, 2020 and N° 231.I.2001.006.ES.01 dated on January 14, 2020.

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