

TEST CERTIFICATE N. 231.W.2001.027.EN.01

Reference: 1911173-02-Ci



PRODUCT: WING

COMPANY: ACTIU BERBEGAL Y FORMAS, S.A.

Parque Tecnológico ACTIU
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TEST: Compliance with the following standard:
"UNE EN 581-1:2017" Outdoor furniture. Seating and tables for camping, domestic and contract use. Part 1: General safety requirements.
"UNE EN 581-2:2016/AC 2016" Outdoor furniture. Seating and tables for camping, domestic and contract use. Part 2: Mechanical safety requirements and test methods for seating.
"UNE-EN 16139:2013vc2015" Furniture. Strength, durability and safety. Requirements for non-domestic seating.

RESULT: It satisfactorily complies with the specifications stated on the standards in the following tests, for an outdoor public use UNE EN 581-2:2016/AC 2016 and, for a test level 1, general public use of the product according to UNE-EN 16139:2013vc2015:

TESTS	RESULT
§. 5 Safety requirements (UNE EN 581-1:2017 & UNE EN 581-2:2016/AC 2016) §. 5.1. General §. 5.2. Tubular components §. 5.3. Shear and squeeze points §. 7 Safety, Strength and Durability Requirements §. 7.1. General §. 7.2. Stability, Strength and Durability Requirements §. 4. Safety (UNE EN 16139:2013vc2015) §. 4.1 – 4.2 Safety. General requirements and Shear and squeeze points. STABILITY §. 7.3.– Test procedures, all seating (UEN EN 1022:2019) (7.3.1. Forwards overturning; 7.3.3. Corner stability test; 7.3.4. Sideways overturning, all seating without arm rests; 7.3.6. Rearwards overturning all seating with back rests) §. 5. Safety, Strength and Durability Requirements - Test 1. Seat and back static load test (Fv= 1 600N, F _H = 560N, 10 times) - Test 2. Seat front edge static load test (Fv= 1 300N, 10 times) - Test 3. Vertical static load on back (Fv = 1 300N, F _H = 600N, 10 times) - Test 8. Seat and back durability test (Fv=1 000N, F _H =300N, n= 100 000 cycles) - Test 9. Seat front edge durability test (Fv = 800N, n= 50 000 cycles) - Test 12. Leg forward static load test (Fv = 1 000 N, F _H = 500 N, 10 times) - Test 13. Leg sideways static load test (Fv = 1 000 N, F _H = 400 N, 10 times) - Test 14. Seat impact test (h= 240 mm., 10 times) - Test 15. Back impact test (α = 38°, h = 210 mm., 10 times) - Annex A. Additional tests. Test A2. Backward fall test (5 + 5 times) - Annex C. Additional tests. Dimensional requirements for office visitor chairs	APPROVED APPROVED APPROVED APPROVED CORRECT APPROVED STABLE CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT APPROVED

Paterna, January 31, 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 AIDIMME laboratory.

The particular results of the tests are described in technical report N. 231.I.2001.027.ES.01 dated January 24, 2020.

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