

# AIDIMME

## Technology Institute

### TEST CERTIFICATE N. 231.Z.2410.602.EN.01

References: 2408015-01, 2410111-01, 2504204-02-Ci

**PRODUCT:** AVANT

**COMPANY:** ACTIU BERBEGAL Y FORMAS, S.A.  
Parque Tecnológico ACTIU  
Autovía CV-80, Salida Onil-Castalla  
03420 CASTALLA - Alicante - SPAIN  
[www.actiu.com](http://www.actiu.com)



**TEST:** Compliance with the following standard:  
**UNE-EN 16139:2013vc2015** Furniture. Strength, durability and safety. Requirements for non-domestic seating.

**RESULT:** It satisfactorily complies with the specifications stated on the standard for a Level 2 (severe public use) in the following tests applicable to the product:

| TESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RESULT                                                                                                                                                                                                                                                                     |
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| <b>§. 4.1 – 4.2 Safety. General requirements and Shear and squeeze points.</b><br><b>STABILITY §. 7.3.– Test procedures, all seating UNE EN 1022:2024</b> (7.3.1. Forwards overturning; 7.3.3. Corner stability test; 7.3.5. Sideways overturning, all other seating; 7.3.6. Rearwards overturning all seating with back rests)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>APPROVED STABLE</b>                                                                                                                                                                                                                                                     |
| <b>§. 5. Safety, Strength and Durability Requirements</b> <ul style="list-style-type: none"><li>- <b>Test 1 Seat and back static load test</b> (Fv= 2000 N, F<sub>H</sub>= 700 N, n= 10 times)</li><li>- <b>Test 2 Seat front edge static load test</b> (Fv= 1 600N, n= 10 times)</li><li>- <b>Test 3 Vertical static load on back</b> (Fv = 1 800 N, F<sub>V</sub> = 900 N, n = 10 times)</li><li>- <b>Test 5 Arm sideways static load test</b> (F<sub>H</sub>= 900N, 10 times)</li><li>- <b>Test 6 Arm downwards static load test</b> (Fv= 900N, 5 times)</li><li>- <b>Test 8 Seat and back fatigue test</b> (Fv = 1 000 N, F<sub>H</sub>= 300N, n= 200 000 cycles)</li><li>- <b>Test 9 Seat front edge fatigue test</b> (Fv = 800N X 2, n= 100 000 cycles)</li><li>- <b>Test 10 Arm fatigue test</b> (Fv= 400 N, n= 60 000 cycles)</li><li>- <b>Test 12 Leg forward static load test</b> (Fv = 1 800 N, F<sub>H</sub>= 620 N, n= 10 times)</li><li>- <b>Test 13 Leg sideways static load test</b> (Fv = 1 800 N, F<sub>H</sub>= 760 N, n= 10 times)</li><li>- <b>Test 14 Seat impact test</b> (h = 300 mm, n= 10 times)</li><li>- <b>Test 15 Back impact test</b> (M= 5 kg, α= 48°, n= 10 times)</li><li>- <b>Test 16 Arm impact test</b> (M= 5 kg, α= 48°, n= 10 times)</li><li>- <b>Test 17 Drop test (multiple seating)</b> (h= 450 mm, 2 x 5 times)</li></ul> | <b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b><br><b>CORRECT</b> |

Paterna, May 15, 2025

P.A. Carlos Medina Laguna

**AIDIMME**  
INSTITUTO TECNOLÓGICO

Fdo. José Emilio Nuévalos  
Furniture and Products Laboratory Manager

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.2505.218.ES.01 dated on 06/05/2025.

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