

## **TEST CERTIFICATE N. 231.X.2005.187.EN.01**

Reference: 1911173-04 -Ci

**PRODUCT:** TRIM SERIES 50 OFFICE CHAIR WITH ARMS

COMPANY: ACTIU BERBEGAL Y FORMAS, S.A.

Parque Tecnológico ACTIU

Autovía CV-80, Salida Onil-Castalla 03420 CASTALLA - Alicante - SPAIN

www.actiu.com

**TEST:** Compliance with the following standard:

UNE EN 1335-2:2019. Office furniture. Office work chair.

Part 2: Safety requirements.

**RESULT:** It satisfactorily complies with the specifications stated on the standard,

in the following tests applicable to the product:

The following tools approache to the product	
TESTS	RESULT
§. 4. SAFETY REQUIREMENTS	
§. 4.1 General	APPROVED
§. 4.2 Shear and squeeze points.	APPROVED
STABILITY §. 7.3.– Test procedures, all seating (UN EN 1022:2019)	STABLE
E1: 7.3.3. Corner stability test; E2:7.3.1. Forwards overturning; E5:7.3.5. Sideways	
overturning, all other seating; E6:7.3.6. Rearwards overturning all seating with back	
rests; E7: Rearwards overturning for chairs whit adjustable back rest inclination.	
§. 5 STRENGTH AND DURABILITY. §. 5.1 General	
E1: 7.3 Seat and back static load test (F <sub>1</sub> =1600N, F <sub>2</sub> =560N, 10 cycles)	CORRECT
E2: 7.4 Seat front edge static load test (F <sub>V</sub> =1600 N, 10 cycles)	CORRECT
E4: 7.9 Backrest – seat fatigue	CORRECT
sequence 1=> F=1500N, n = 120.000 Point A	
sequence 2=> F1 =1200 N, F2 = 320 N, n = 80.000 cycles Points C, B	
sequence 3 => F1 =1200 N, F2 = 320 N, n = 20.000 cycles Points J, E	
sequence 4 => F1 =1200 N, F2 = 320 N, n = 20.000 cycles Points F, H	
sequence 5 => F=1200 N, n = 20.000 cycles Points D, G Alternative	
<b>E5: 7.10 Arm rest durability</b> ( $F_V = 400 \text{ N}, n = 60.000 \text{ cycles}$ )	CORRECT
E6: 7.5 Arm vertical downward static load test - central (before and later	CORRECT
stability test) (F <sub>V</sub> central = 750 & 900 N, 5 + 5 cycles)	
§. 5.3 Rolling resistance of the chair without charge (≥ 12 N)	CORRECT

Paterna, May 8, 2020

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.2005.187.ES.01 dated on March 24, 2020.

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