

AIDIMME

TECHNOLOGY INSTITUTE

TEST CERTIFICATE N. 231.Z.2412.668.EN.01

Reference: 2409228-01-Ci

PRODUCT: AUDIT 30 AUDITORIUM SEATING

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 12727:2017 Furniture. Ranked seating.
Test methods and requirements for strength and durability.

RESULT: The model tested satisfactorily fulfils the specifications for the standard applied for ranked seating, general use (level 3), in the following tests:

TESTS	RESULT
§. 5.1, 5.2. Safety. General requirements and Shear and squeeze points.	CORRECT
§. 5.3. Resistance and Durability	
Test 1 Seat and back static load test ($F_v = 2\,000\text{ N}$, $F_H = 760\text{ N}$, $n = 10$ times)	CORRECT
Test 2 Seat front edge static load test ($F_v = 2\,000\text{ N}$, $n = 10$ times)	CORRECT
Test 3 Horizontal forward static load test on back rests ($F_v = 760\text{ N}$, $n = 10$ times)	CORRECT
Test 4 Vertical load on back rests ($F_v = 900\text{ N}$, $n = 10$ times)	CORRECT
Test 5 Arm rest sideways static load test ($F_H = 900\text{ N}$, $n = 10$ times)	CORRECT
Test 6 Vertical static load on arms rests ($F_v = 1\,000\text{ N}$, $n = 10$ times)	CORRECT
Test 7 Combined seat and back durability test ($F_v = 1\,000\text{ N}$, $F_H = 330\text{ N}$, $n = 150\,000$ cycles)	CORRECT
Test 8 Seat front edge durability test ($F_v = 800\text{ N}$, $n = 150\,000$ cycles)	CORRECT
Test 9 Horizontal forward durability test on back rests ($F_H = 330\text{ N}$, $n = 50\,000$ cycles)	CORRECT
Test 10 Arm rest durability test ($F = 400\text{ N}$, $n = 50\,000$ cycles)	CORRECT
Test 11 Seat impact test ($h = 300\text{ mm}$, $n = 10$ times)	CORRECT
Test 12 Back impact test ($\alpha = 68^\circ$, $h = 620\text{ mm}$, $n = 10$ times)	CORRECT
Test 13 Arm impact test ($\alpha = 68^\circ$, $h = 620\text{ mm}$, $n = 10$ times)	CORRECT
Test 14 Tipping seat operation ($n = 50\,000$ cycles)	CORRECT

Paterna, December 9, 2024

P.A.

Signed: José Emilio Nuévalos
Furniture and Products Laboratory Manager

P.A. Carlos Medina Laguna

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.2412.668.ES.01 dated on 05/12/2024.

AIDIMME is a member of INNOVAWOOD, the European Innovation Network for the Forestry, Wood and Furniture Industry, among whose members they are: BRE-CTTC (United Kingdom), COSMOB (Italy), DTI (Denmark), FCBA (France), ITD (Poland), SHR (Netherlands), RISE (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), WKI (Germany).

AIDIMME. METAL-PROCESSING, FURNITURE, WOOD AND PACKAGING TECHNOLOGY INSTITUTE

Parque Tecnológico - Calle Benjamín Franklin, 13
CIF: ESG46261590 - 46980 PATERNA (Valencia) ESPAÑA
Phone: +34 96 136 60 70 - Fax: 96 136 61 85

aidimme@aidimme.es
www.aidimme.es