

TEST CERTIFICATE N. 231.Z.2310.623.EN.01

Reference: 2309126-01-Ci

PRODUCT: INCASO ARMCHAIR



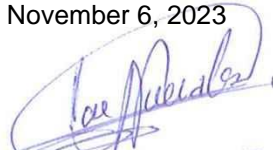

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TEST: Compliance with the following standards:
UNE EN 16139:2013vc2015 Furniture. Strength, durability and safety. Requirements for non-domestic seating. **UNE-EN 581-1: 2017 & UNE EN 581-2:2016/AC 2016** Outdoor furniture. Seating and tables for camping,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

RESULT: Satisfactorily complies with specifications of standards UNE EN 16139:2013vc2015 for non-domestic seating, level 1 general use, UNE-EN 581-1:2017 and UNE EN 581-2:2016/AC 2016 for outdoor seating for public use, according to the following tests applicable to the product:

	TEST	RESULT
UNE EN 581-1:2017 UNE EN 16139:2013vc2015 UNE EN 581-2:2016 /AC 2016	General safety requirements.	APPROVED
	Safety. General requirements and Shear and squeeze points.	APPROVED
	Stability (forwards; sideways & rearwards overturning) UNE EN 1022:2019	STABLE
	Safety, Strength and Durability Requirements	
	Seat and back static load test ($F_v = 2000N$, $F_H = 560N$, $n = 10 + 1$)	CORRECT
	Seat front edge downwards static load test ($F_v = 1300 N$, $n = 10$ times)	CORRECT
	Vertical static load test on back ($F_v = 1300 N$, $F_v = 600 N$, $n = 10$ times)	CORRECT
	Arm sideways static load test ($F_H = 400N$, 10 times)	CORRECT
	Arm downwards static load test ($F_v = 900N$, 10 times)	CORRECT
	Seat and back fatigue test ($F_v = 1000 N$, $F_H = 300 N$, $n = 100\ 000$ cycles)	CORRECT
	Seat front edge fatigue test ($F_v = 800N \times 2$, $n = 50\ 000$ cycles)	CORRECT
	Arm fatigue test ($F_v = 400 N$, $n = 30\ 000$ cycles)	CORRECT
	Leg forward static load test ($F_v = 1\ 000 N$, $F_H = 500 N$, 10 times)	CORRECT
	Leg sideways static load test ($F_v = 1\ 000 N$, $F_H = 350 N$, 10 times)	CORRECT
	Seat impact test ($h = 240$ mm, 10 times)	CORRECT
	Backward fall test ($n = 5$ times)	CORRECT
	Arm impact test ($\alpha = 38^\circ$, $h = 210$ mm, $n = 10$ times)	CORRECT

Paterna, November 6, 2023


AIDIMME 

Signed: 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. 2231.I.2310.623.ES.01 dated on 16/10/2023.

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