AIDIMME TECHNOLOGY INSTITUTE

TEST CERTIFICATE n. 231.X.1911.618.EN.01

References: 1910087-03, 1912109-01, 2002004-02–Ci

PRODUCT: **IBIZA** CHAIR / **IBIZA** CHAIR WITH ARMS

COMPANY: **VONDOM, S.L.U.**
Avda. de Valencia, nº 3
46891 PALOMAR –Valencia (SPAIN)
www.vondom.com

TEST: Compliance with the following standards:
ANSI/BIFMA X5.4-2012 Lounge and Public Seating. Test.
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.

RESULT: Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2012, for single type A and C seats and UNE EN 581-1: 2017 & UNE EN 581-2:2016/AC 2016 for outdoor furniture for contract use, according to the following tests, applicable to the product:

TESTS		RESULT
ANSI/BIFMA X5.4-2012	4.Types of Lounge Seating (simple seat)	Type A - C
	5. Backrest horizontal static load test (Fh_1 = 667 N, Fh_2 = 1112 N, t=1 min.)	CORRECT
	7. Backrest durability Test. Horizontal. Cyclic. (Fh = 334 N, n= 120.000 cycles)	CORRECT
	9. Arm strength test. Horizontal. Static (Fh_1=445N, Fh_2=667N, t=1min.)	CORRECT
	10. Arm strength test. Vertical. Static (Fv1= 750N, Fv2=1125N, t=1 min.)	CORRECT
	13. Arm durability test for single seat units (F= 400N, N= 60 000 cycles)	CORRECT
	14. Seating durability test (M = 57 kg, h= 30 mm., n= 100.000 cycles)	CORRECT
	15. Impact test (h = 152 mm., M1 = 102 kg, M2=136 kg,)	CORRECT
	16.3 Leg forward static load test (Fh1 = 334 N, Fh2 = 503 N)	CORRECT
	16.4. Leg sideways static load test (Fh1 = 334 N, Fh2 = 503 N)	CORRECT
	21.3 & 21.5 Front and rear stability test	STABLE
UNE EN 581-1:2017 Safety. General requirements		CORRECT
UNE EN 581-2:2016/AC 2016	**§. 7.1. General**	CORRECT
	§. 7.2. Safety, Strength and Durability Requirements	
	Test 1 Seat and back static load test (FV=2000 N, FH= 560 N, n=10 +1)	CORRECT
	Test 2 Seat front edge static load test (FV= 1 300N, 10 times)	CORRECT
	Test 3 Seat and back fatigue test (FV = 1000 N, FH= 333 N, n= 50 000 cycles)	CORRECT
	Test 5 Arm static load test (FV = >900 N, n = 10 times)	CORRECT
	Test 6 Arm fatigue test (F= 400 N, n= 30.000 cycles)	CORRECT
	Test 7 Leg forward static load test (M=100 kg, FH=293 N, n= 10 times)	CORRECT
	-Test 8 Leg sideways static load test (M = 100 kg, FH= 300 N, n =10 times)	CORRECT
	Test 9 Seat impact test (M= 25 kg, h= 240 mm., 10 times)	CORRECT
	STABILITY §. 7.3.– Test procedures, all seating (UNE EN 1022:2019) (7.3.1. Forwards overturning; 7.3.3 Corner stability; 7.3.4.- 7.3.5 Sideways overturning; 7.3.6. Rearwards overturning all seating with back rests)	STABLE

Valencia, March 4, 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 AIDIMA laboratory.

The particular results of the tests are described in technical reports N. 231.I.2001.008.ES.01 dated on 08/01/2020 and N. 231.I.2003.083.ES.01 dated on 04/03/2020.

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