

TEST CERTIFICATE n. 231.Z.2003.090.EN.01

References: 2001099-03A, 03B -Ci

PRODUCT: MAARTEN CHAIR PLASTIC BASE 4 LEGS

(WITH AND WITHOUT ARMS)

COMPANY: VICCARBE HABITAT, S.L.

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TEST: Compliance with the following standards:

ANSI/BIFMA X5.4-2012 Lounge and Public Seating. Test. UNE-EN 16139:2013vc2015

Furniture. Strength, durability and safety. Requirements for non-domestic seating.

RESULT: Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2012, for

single types C seats and UNE-EN 16139:2013vc2015 for non-domestic use seats,

level 1 general use, according to the following tests:

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TESTS		RESULT
	4.Types of Lounge Seating (simple seat)	Type C
	5. Backrest horizontal static load test (Fh1 = 667 N, Fh2 = 1112 N, t=1 min.)	CORRECT
	7. Backrest durability Test. Horizontal. (Fh1= 334 N, n= 120.000 cycles)	CORRECT
	9. Arm Strength test. Horizontal static load. (Fh1=445N, Fh2=667N, t=1 min)	CORRECT
	10. Arm Strength test. Vertical static load. (Fv1= 750N, Fv2=1125N, t=1 min.)	CORRECT
ANSI/BIFMA	13. Arm durability test. (F = 400N, n = 60 000 cycles)	CORRECT
X5.4-2012	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, t=1 min.)	CORRECT
	16. 4 Leg sideways static load test (Fh1 = 334 N, Fh2 = 503 N, t=1 min.)	CORRECT
	21.3 & 21.5 Front and rear stability test	STABLE
	4. Safety. General requirements	APPROVED
	4.3. Swivelling chairs stability (forwards overturning, corner stability, sideways and	STABLE
	rearwards overturning) UNE EN 1022:2019	
	4.5. Safety of the construction / 5. Strength, Durability and Safety Requirements:	
	Test 1. Seat and back static load test (Fv=1600 N, Fh =560 N, 10 times)	CORRECT
	Test 2. Seat front edge static load test (Fv= 1300 N, 10 times)	CORRECT
	Test 3. Vertical static load on back (Fv = 1300 N, Q = 600 N, 10 times)	CORRECT
	Test 5. Arm sideways static load test (Fh = 400 N, n = 10 times)	CORRECT
UNE-EN	Test 6. Arm downwards static load test (Fv = 750 N, n = 10 times)	CORRECT
16139:2013	Test 8. Seat and back durability test (Fv =1 000 N, Fh =300 N, n= 100 000 cycles)	CORRECT
vc2015	Test 9. Seat front edge durability test (Fv = 800 N, n= 50 000 cycles)	CORRECT
	Test 10. Arm durability test (Fv= 400 N, n= 30 000 cycles)	CORRECT
	Test 12. Leg forward static load test (Q = 1 000 N, Fh = 500 N, 10 times)	CORRECT
	Test 13. Leg sideways static load test (Q = 1 000 N, Fh = 400 N, 10 times)	CORRECT
	Test 14. Seat impact test (h= 240 mm., 10 times)	CORRECT
	Test 16. Arm impact test (α= 38°, h= 210 mm., 10 times)	CORRECT
	Annex A.2 Backward fall test (5 times)	CORRECT
	Annex C Dimensional requirements for office visitor chairs	APPROVED

Valencia, March 23, 2020

P.A.

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 report N° 231.I.2003.090.ES.01 dated on March 9, 2020.

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