AIDIMME
TECHNOLOGY INSTITUTE

TEST CERTIFICATE n. 231.X.2308.505.EN.01

References: 2306186-01, 03, 2306223-01, 2307092-03, 02+2306208-03, 2307231-01, 2309090-01–Ci

PRODUCT: **ALETA EXECUTIVE**
BASES: FLAT 4 LEGS / 5 CASTORS
ALETA LOUNGE BASE FLAT 4 LEGS

COMPANY: **VICCARBE HABITAT, S.L.**
PG. Norte, C/Travesía 1 al camí Racó S/N
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TEST: Compliance with the following standards:
ANSI/BIFMA X6.4-2021 Occasional-Use Seating. **UNE-EN 16139:2013vc2015** Furniture. Strength, durability and safety. Requirements for non-domestic seating.

RESULT: Satisfactorily comply with the specifications stated on the standards in the following tests applicable to the product:

	TESTS	RESULT
ANSI/BIFMA X6.4-2021	4. Type of chair (single seat)	Style A
	5. Backrest horizontal static load test. (Fh_1= 667N, t=1 min. Fh_2 = 1112N, t =10 sec)	CORRECT
	7. Backrest durability Test. Horizontal. (Fh= 334 N, Fv= 109 kg, n= 60 000 cycles)	CORRECT
	9. Arm strength test.Horizontal.($Fh_{1\ outward\text{-}inward}$=445N,t=1min. $Fh_{2\ outward\text{-}inward}$=667N, t=10sec)	CORRECT
	10. Arm strength test Vertical. (F_{v1} = 750 N, t=1 min. F_{v2}= 1125 N, t=10 sec)	CORRECT
	13. Arm durability test. Angular. Cyclic (single seats) (F = 400N, n = 30 000 cycles)	CORRECT
	14. Seating durability test (M= 57 kg, h= 30 mm, n= 50 000 cycles)	CORRECT
	15. Impact test (h=152 mm, M_1=102 kg, M_2=136 kg)	CORRECT
	18. Caster / Unit Base durability test. Cyclic. (M=113kg, n = 12 750 cycles)	CORRECT
	19. Swivel test (M= 122 kg, n= N = 60 000 cycles)	CORRECT
	21.3 & 21.5 Front and rear stability test	STABLE
UNE-EN 16139:2013 vc2015 **Level 1**	4.1. – 4.2 Safety. General requirements and Shear and squeeze points	APPROVED
	4.4. Rolling resistance of the unloaded chair	APPROVED
	Stability (forwards, sideways & rearwards overturning; corner stability) UNE EN 1022:2019	STABLE
	5. Strength, Durability and Safety Requirements:	
	Test 1. Seat and back static load test (Fv=1600 N, F_H =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, F_V= 600 N, 10 times)	CORRECT
	Test 5. Arm sideways static load test (Fh = 400 N, n = 10 times)	CORRECT
	Test 6. Arm downwards static load test (Fv = 750 N, n = 5 times)	CORRECT
	Test 8. Seat and back durability test (Fv =1 000 N, F_H =300 N, n= 100 000 cycles)	CORRECT
	Test 9. Seat front edge durability test (Fv = 800N x2, n= 50 000 cycles)	CORRECT
	Test 10. Arm fatigue test (Fv= 400 N, n= 30 000 cycles)	CORRECT
	Test 12. Leg forward static load test (Fv = 1 000 N, F_H = 500 N, 10 times)	CORRECT
	Test 13. Leg sideways static load test (Fv = 1 000 N, F_H = 400 N, 10 times)	CORRECT
	Test 14. Seat impact (h= 240 mm, 10 times)	CORRECT
	Test 15. Back impact (α = 38º, h= 210 mm n= 10 times)	CORRECT
	Test 16. Arm impact test (α= 38°, h= 210 mm, 10 times)	CORRECT

Paterna, September 25, 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. 231.I.2309.554.ES.01 dated on 25/09/2023.

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