

TEST CERTIFICATE N. 231.Z.2102.077.EN.01

References: 2102012-01, 03-Ci

PRODUCT: FUNDA BAR & COUNTER STOOLS

COMPANY: VICCARBE HABITAT, S.L.

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TEST: Compliance with the following standards:
ANSI/BIFMA X5.4-2020 Public and Lounge 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 X5.4-2020, for single types D seats and UNE-EN 16139:2013vc2015 for non-domestic use seats, level 1 general use, according to the following tests:

TESTS		RESULT
ANSI/BIFMA X5.4-2020	4. Type of chair (simple seat)	Style D
	7. Backrest durability Test. Horizontal. (Fh= 334 N, n= 120.000 cycles)	CORRECT
	14. Seating durability test (M= 57 kg, h= 30 mm, n= 100.000 cycles)	CORRECT
	15. Impact test (h=152 mm, M ₁ =102 kg, M ₂ =136 kg)	CORRECT
	16. 3 Leg forward static load test (Fh ₁ = 334N t=1 min, Fh ₂ = 503N t=10 sec)	CORRECT
	16. 4 Leg sideways static load test (Fh ₁ = 334N t= 1min, Fh ₂ = 503N t= 10 sec)	CORRECT
	17. Unit drop test – Dynamic (h = 180 mm, n= 2 times)	CORRECT
	21.3 & 21.5 Front and rear stability test	STABLE
UNE-EN 16139:2013 vc2015	27. Footrest static load test for stools - Vertical (F ₁ =445N, t=1min. F ₁ =1334N, t=10s)	CORRECT
	28. Footrest durability test for stools – Vertical - Cyclic (F _v = 890 N, N = 50.000 cycles)	CORRECT
	4.1. – 4.2 Safety. General requirements and Shear and squeeze points	APPROVED STABLE
	STABILITY 7.3.– Test procedures, all seating (UNE EN 1022:2019)	
	(7.3.1.Forwards overturning; 7.3.2.Forwards overturning for seating with foot rest; 7.3.3. Corner stability test; 7.3.4. Sideways overturning, all seating without arm rests)	CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT CORRECT
	5. Strength, Durability and Safety Requirements:	
	Test 1. Seat and back static load test (Fv=1600 N, F _H =560 N, 10 times)	
	Test 2. Seat front edge static load test (Fv= 1300 N, 10 times)	
	Test 4. Foot rest and leg rest static load test (Fv = 1 300N, 10 times)	
	Test 8. Seat and back durability test (Fv =1 000 N, F _H =334 N, n= 120 000 cycles)	
	Test 9. Seat front edge durability test (Fv = 800N x2, n= 50 000 cycles)	
	Test 11. Foot rest fatigue test (F = 1 000 N, n= 100 000 cycles)	
	Test 12. Leg forward static load test (Fv = 1 000 N, F _H = 290 N, 10 times)	
	Test 13. Leg sideways static load test (Fv = 1 000 N, F _H = 260 N, 10 times)	
	Test 14. Seat impact (h= 240 mm, 10 times)	
	Test 15. Back impact test (M= 5 kg, α = 38°, 10 times)	

Paterna, March 29, 2021

P.A.



Signed: José Emilio Nuévalos
Furniture and Products Laboratory
Head of Section

This certificate only refers to the samples tested by the AIDIMME laboratory.

The particular results of the tests are described in technical reports N. 231.I.2103.145.ES.01 dated on 24/03/2021.

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