

TEST CERTIFICATE N. 231.Z.2010.403.EN.01

Reference: 2007107-03-Ci

PRODUCT: MAARTEN PLASTIC CHAIR

SWIVEL METAL BASE

COMPANY: VICCARBE HABITAT, S.L.

PG. Norte, C/Travesía 1 al camí Racó S/N 46469 BENIPARRELL (VALENCIA) SPAIN Phone: 34 9612010 - Fax: 34961211211

www.viccarbe.com

TEST: Compliance with the following standard:

UNE-EN 16139:2013 vc2015 Furniture. Strength, durability and safety. Requirements

for non domestic seating.

RESULT: Satisfactorily complies with the specifications set by the UNE-EN 16139:2013 vc2015,

level 1, in the following tests applicable to the product:

TESTS	RESULT
§. 4.1 – 4.2 Safety. General requirements and Shear and squeeze points.	APPROVED
STABILITY §. 7.3.– Test procedures, all seating (UNE EN 1022:2019)	
(7.3.1. Forwards overturning; 7.3.3. Corner stability test; 7.3.4. Sideways overturning,	STABLE
all seating without arm rests; 7.3.6. Rearwards overturning all seating with back rests)	
§. 5. Safety, Strength and Durability 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, Q = 600 N, 10 times)	CORRECT
Test 8. Seat and back durability test (Fv =1 000 N, Fh =300 N, n= 100 000 cycles)	CORRECT
Test 9. Seat front edge durability test (Fv = 800 N, n= 50 000 cycles)	CORRECT
Test 14. Seat impact test (h= 240 mm., 10 times)	CORRECT
Annex A.2 – Backward fall test (n= 5 times)	CORRECT
Annex C Dimensional requirements for office visitor chairs	APPROVED

Valencia, October 6, 2020

P.A.

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

DIMME

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.2010.403.ES.01 dated on 02/10/2020.

AIDIMME is a member of INNOVAWOOD, The European Network of Research and Training for the Forest, Wood and Furniture Industry, among whose members are: BRE-CTTC (United Kingdom), COSMOB (Italy), DTI (Denmark), FCBA (France), ITD (Poland), SHR (Holland), SP Trätek (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), WKI (Germany).



TEST CERTIFICATE N. 231.Z.2007.270.EN.01

Reference: 2005097-01-Ci

PRODUCT: **MAARTEN PLASTIC CHAIR**

FLAT SWIVEL BASE

COMPANY: VICCARBE HABITAT, S.L.

> PG. Norte, C/Travesía 1 al camí Racó S/N 46469 BENIPARRELL (VALENCIA) SPAIN Phone: 34 9612010 - Fax: 34961211211

www.viccarbe.com

TEST: Compliance with the following standard:

UNE-EN 16139:2013 vc2015 Furniture. Strength, durability and safety. Requirements

for non domestic seating.

RESULT: Satisfactorily complies with the specifications set by the UNE-EN 16139:2013 vc2015,

level 1, in the following tests applicable to the product:

TESTS	RESULT
§. 4.1 – 4.2 Safety. General requirements and Shear and squeeze points.	APPROVED
STABILITY §. 7.3.– Test procedures, all seating (UNE EN 1022:2019)	
(7.3.1. Forwards overturning; 7.3.3. Corner stability test; 7.3.4. Sideways overturning,	STABLE
all seating without arm rests; 7.3.6. Rearwards overturning all seating with back rests)	
§. 5. Safety, Strength and Durability 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, Q = 600 N, 10 times)	CORRECT
Test 8. Seat and back durability test (Fv =1 000 N, Fh =300 N, n= 100 000 cycles)	CORRECT
Test 9. Seat front edge durability test (Fv = 800 N, n= 50 000 cycles)	CORRECT
Test 14. Seat impact test (h= 240 mm., 10 times)	CORRECT
Annex A.2 – Backward fall test (n= 5 times)	CORRECT
Annex C Dimensional requirements for office visitor chairs	APPROVED

Valencia, July 22, 2020

P.A.

Signed: José Emilio Nuévalos Furniture and Products Laboratory

Head of Section

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

The particular results of the tests are described in technical report No 231.I.2007.270.ES.01 dated on 29/06/2020.

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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.

PG. Norte, C/Travesía 1 al camí Racó S/N 46469 BENIPARRELL (VALENCIA) SPAIN Phone: 34 9612010 - Fax: 34961211211

www.viccarbe.com

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:

	level 1 general use, according to the following tests:				
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.

AIDIMME is a member of INNOVAWOOD, The European Network of Research and Training for the Forest, Wood and Furniture Industry, among whose members are: BRE-CTTC (United Kingdom), COSMOB (Italy), DTI (Denmark), FCBA (France), ITD (Poland), SHR (Holland), SP Trätek (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), WKI (Germany).



TEST CERTIFICATE n. 231.X.2003.074.EN.01

References: 2001099-02, 2003177-01-Ci

PRODUCT: MAARTEN CHAIR PLASTIC SLED BASE

(WITH AND WITHOUT ARMS)

COMPANY: VICCARBE HABITAT, S.L.

PG. Norte, C/Travesía 1 al camí Racó S/N 46469 BENIPARRELL (VALENCIA) SPAIN Phone: 34 9612010 - Fax: 34961211211

www.viccarbe.com

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 2 extreme use, according to the following tests:

	TESTS RESULT				
	1-0.0	RESULT			
	4.Types of Lounge Seating (simple seat)	Type C CORRECT			
	5. Backrest horizontal static load test ($Fh_1 = 667 \text{ N}$, $Fh_2 = 1112 \text{ N}$, t=1 min.) 7. Backrest durability Test. Horizontal. ($Fh_1 = 334 \text{ N}$, n= 120.000 cycles)	CORRECT			
	9. Arm Strength test. Horizontal static load. (Fh ₁ =445N, Fh ₂ =667N, t=1 min)	CORRECT			
		CORRECT			
ANGI/DIEMA	10. Arm Strength test. Vertical static load. (Fv ₁ = 750N, Fv ₂ =1125N, t=1 min.) 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			
A3.4-2012	15. Impact test (h=152 mm., M1=102 kg, M2=136 kg,)	CORRECT			
	16. 3 Leg forward static load test (Fh1 = 334 N, Fh ₂ = 503 N, t=1 min.)	CORRECT			
	16. 4 Leg sideways static load test (Fh1 = 334 N, Fh ₂ = 503 N, t=1 min.)	CORRECT			
	21.3 & 21.5 Front and rear stability test	STABLE			
	4. Safety. General requirements	APPROVED			
	4.3. Stability (forwards overturning, corner stability, sideways and rearwards overturning)	STABLE			
	UNE EN 1022:2019				
	4.5. Safety of the construction / 5. Strength, Durability and Safety Requirements:				
	Test 1. Seat and back static load test (F _V = 2 000 N, F _H =700 N,, 10 times)	CORRECT			
	Test 2. Seat front edge static load test (F _V = 1600 N, 10 times)	CORRECT			
	Test 3. Vertical static load on back (F _V = 1 800 N, F _H = 900 N, 10 times)	CORRECT			
LINIE EN	Test 5. Arm sideways static load test (F _H = 900 N, n = 10 times)	CORRECT			
UNE-EN	Test 6. Arm downwards static load test (F_V = 900 N, n = 10 times)	CORRECT			
16139:2013	Test 8. Seat and back durability test ($F_V = 1000 \text{ N}$, $F_H = 300 \text{ N}$, $n = 200000 \text{ cycles}$)	CORRECT			
vc2015	Test 9. Seat front edge durability test (Fv = 800 N, n= 100 000 cycles)	CORRECT			
	Test 10. Arm durability test (Fv= 400 N, n= 60 000 cycles)	CORRECT			
	Test 12. Leg forward static load test ($F_V = 1800 \text{ N}$, $F_{H} = 620 \text{ N}$, 10 times)	CORRECT			
	Test 13. Leg sideways static load test (F _V = 1 800 N, F _H = 760 N, 10 times)	CORRECT			
	Test 14. Seat impact test (h= 300 mm., 10 times)	CORRECT			
	Test 16. Arm impact test (α= 48°, h= 330 mm., 10 times)	CORRECT			
	Annex A.2 Backward fall test (5 times)	CORRECT			
	Annex C Dimensional requirements for office visitor chairs	APPROVED			

Valencia, April 16, 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 reports N^0 231.I.2003.090.ES.01 dated on March 9, 2020 and N^0 231.I.2003.127.ES.01 dated on March 27, 2020.

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TEST CERTIFICATE n. 231.Z.2104.215.EN.01

References: 2103170-06 - 2103170-07, 2105165-01, 02, 03, 04-Ci

PRODUCT: MAARTEN CHAIR TABLET ARM, SLED BASE

EARS CHAIR TABLET ARM, 4 LEGS
MAARTEN CHAIR TABLET ARM, 4 LEGS

KLIP CHAIR TABLET ARM, 4 LEGS

COMPANY: VICCARBE HABITAT, S.L.

PG. Norte, C/Travesía 1 al camí Racó S/N 46469 BENIPARRELL (VALENCIA) SPAIN Phone: 34 9612010 - Fax: 34 961211211

www.viccarbe.com

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 C 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	22. Tablet arm load ease test. Cyclic. (Fv= 25 kg, N = 100 000 cycles) 23. Tablet arm load test. Static. (Fv= 68 Kg, t = 1 minute)	CORRECT CORRECT
UNE-EN	5. Strength, Durability and Safety Requirements:	
16139:2013 vc2015	18. Auxiliary writing surface static load test (Fv= 300 N, n= 10 cycles) 19. Auxiliary writing surface durability test (Fv= 150N, n=10.000 cycles)	CORRECT CORRECT

Paterna, June 15, 2021

P.A.

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

DIMME

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.2106.282.ES.01 dated on 14/06/2021.

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