

AIDIMME

TECHNOLOGY INSTITUTE

TEST CERTIFICATE N. 231.Y.2404.274.EN.01

Reference: 2404031-01-Ci

PRODUCT: GATSBY SUN LOUNGER

COMPANY: VONDOM, S.L.U.
Polígono 6, nº 16
46293 Beneixida – Valencia (Spain)
www.vondom.com



TEST: Compliance with the following standards for outdoor furniture public use:
UNE-EN 581-1:2017 Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 1: General safety requirements.
UNE-EN 581-2:2016AC: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 specifications of standard used for public used, according to the following tests:

TEST	RESULT
UNE-EN 581-1: 2017 General safety requirements.	CORRECT
UNE-EN 581-2: 2016/AC 2016	
§. 6.1 –General	CORRECT
§. 6.2 –Stability, Strength and Durability Requirements. LOUNGERS	
Test 1 Seat and back static load test ($F_V = 2000N$, $F_H = 560N$, 10 cycles, 30'' + 1 cycle, 30')	CORRECT
Test 2. Additional seat and leg rest static load test ($F_{V1 \text{ seat}} = 750N$, $F_{V1 \text{ leg rests}} = 900N$, $n=10$ times)	CORRECT
Test 3. Seat and back durability test ($F_V = 1\ 000N$, $F_H = 333N$, $n= 50\ 000$ cycles)	CORRECT
Test 4. Additional seat durability test ($F_V = 1\ 000N$, $n= 20\ 000$ cycles)	CORRECT
Test 5. Durability test on back rest mechanism ($F_V = 1\ 000N$, $F_H= 250N$, $n= 20\ 000$ cycles)	CORRECT
Test 8. Impact test ($h= 240\ \text{mm}$, 10 times)	CORRECT
§. 8. Information for use: 8.2 Marking for loungers	CORRECT
Annex B Informative: Purchase information	CORRECT
STABILITY (Forwards and sideways overturning; rearwards overturning for vertical and reclined position) (EN 1022:2023)	STABLE

Paterna, April 25, 2024

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.2404.274.ES.01 dated on 23/04/2024.

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AIDIMME. METAL-PROCESSING, FURNITURE, WOOD AND PACKAGING TECHNOLOGY INSTITUTE

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