

TEST CERTIFICATE N. 231.Y.2107.353.EN.01

Reference: 2106204-01-Ci

PRODUCT: VOXEL SUN LOUNGER

COMPANY: **VONDOM, S.L.U.**
Avda. de Valencia, nº 3
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SPAIN
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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 581-2:2016/AC 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	APPROVED
§. 6.1 –General	APPROVED
§. 6.2 –Stability, Strength and Durability Requirements. LOUNGERS	CORRECT
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 ($h= 240$ mm, 10 times)	CORRECT
§. 8. Information for use: 8.2 Marking for loungers	CORRECT
Annex B Informative: Purchase information	APPROVED
STABILITY (Forwards and sideways overturning; rearwards overturning for vertical and reclined position) (UNE EN 1022:2019)	STABLE

Paterna, July 30, 2021
P.A.


AIDIMME 

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 report n. 231.I.2107.353.ES.01 dated on 26/07/2021.

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