

**TEST CERTIFICATE N. 231.Z.2101.029.EN.01**

Reference: 2010083-01-Ci

**PRODUCT:** DUNAS LOUNGE

**COMPANY:** INCLASS DESIGNWORKS, S.L.  
Cno. Estación Poligono I-4 P.5  
03330 CREVILLENTE – Alicante - SPAIN  
[www.inclass.es](http://www.inclass.es)



**TEST:** Compliance with the following standard:  
**UNE EN 16139: 2013vc2015**  
Furniture. Strength, durability and safety. Requirements for non-domestic seating.

**RESULT:** Satisfactorily complies with specifications of standard in following tests, apply to the model, for a test level 2 corresponding to a severe public use product:

TEST	RESULT
<b>Section 4.1 – 4.2 Safety. General requirements and Shear and squeeze points.</b> <b>STABILITY §. 7.3.– Test procedures, all seating (UNE EN 1022:2019)</b> (7.3.1. Forwards overturning; 7.3.5. Sideways overturning, all other seating; 7.3.6. Rearwards overturning all seating with back rests) <b>§. 5. Safety, Strength and Durability Requirements</b> - <b>Test 2 Seat front edge static load test</b> (F <sub>v</sub> = 1 600N, 10 times) - <b>Test 5 Arm sideways static load test</b> (F <sub>H</sub> = 900 N, 10 times) - <b>Test 6 Arm downwards static load test</b> (F <sub>v</sub> = 900 N, 10 times) - <b>Test 8 Seat and back fatigue test</b> (F <sub>v</sub> = 1 000 N, F <sub>H</sub> = 300N, n= 200 000 cycles) - <b>Test 9 Seat front edge fatigue test</b> (F <sub>v</sub> = 800N, n= 100 000 cycles) - <b>Test 10 Arm fatigue test</b> (F <sub>v</sub> = 400 N, n= 60.000 cycles) - <b>Test 13 Leg sideways static load test</b> (F <sub>v</sub> = 1 800 N, F <sub>H</sub> = 760 N, 10 times) - <b>Test 14 Seat impact test</b> (h= 300 mm., 10 times) - <b>Test 15 Back impact test</b> (M= 5 kg, α = 48°, 10 times) - <b>Test 16 Arm impact test</b> (α= 48°, h= 330 mm., 10 times)	<b>APPROVED</b> <b>STABLE</b>  <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b> <b>CORRECT</b>

Paterna, February 5, 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 AIDIMA laboratory.  
The particular results of the tests are described in technical report N. 231.I.2101.029.ES.01 dated on 20/01/2021..  
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