

**TEST CERTIFICATE N. 231.W.2301.001.EN.01**

Reference: 2211171-04-Ci

**PRODUCT:** XAIL Lounge armchair with low backrest, 4 leg frame and armrests

**COMPANY:** INCLASS DESIGNWORKS, S.L.  
 CTRA. ESTACIÓN S/N, POLÍGONO 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>APPROVED</b>
<b>STABILITY</b> (Forwards, sideways & rearwards overturning; corner stability) <b>UNE EN 1022:2019</b>	<b>STABLE</b>
<b>§. 5. Safety, Strength and Durability Requirements</b>	
- <b>Test 1 Seat and back static load test</b> (F <sub>V</sub> = 2000 N, F <sub>H</sub> = 700 N, n= 10 times)	<b>CORRECT</b>
- <b>Test 2 Seat front edge static load test</b> (F <sub>V</sub> = 1 600N, n= 10 times)	<b>CORRECT</b>
- <b>Test 3 Vertical static load test on back</b> (F <sub>V</sub> = 1 800, F <sub>H</sub> = 900N, n= 10 times)	<b>CORRECT</b>
- <b>Test 5 Arm sideways static load test</b> (F <sub>H</sub> = 900 N, n = 10 times)	<b>CORRECT</b>
- <b>Test 6 Arm downwards static load test</b> (F <sub>V</sub> = 900 N, n = 10 times)	<b>CORRECT</b>
- <b>Test 7 Vertical upwards static load on armrests</b> (F <sub>V</sub> = 250 N, n = 10 times)	<b>CORRECT</b>
- <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>CORRECT</b>
- <b>Test 9 Seat front edge fatigue test</b> (F <sub>V</sub> = 800N, n= 100 000 cycles)	<b>CORRECT</b>
- <b>Test 10 Arm fatigue test</b> (F <sub>V</sub> = 400 N, n= 60 000 cycles)	<b>CORRECT</b>
- <b>Test 12 Leg forward static load test</b> (F <sub>V</sub> = 1 800 N, F <sub>H</sub> = 620 N, n= 10 times)	<b>CORRECT</b>
- <b>Test 13 Leg sideways static load test</b> (F <sub>V</sub> = 1 800 N, F <sub>H</sub> = 760 N, n= 10 times)	<b>CORRECT</b>
- <b>Test 14 Seat impact test</b> (M= 25 kg, h = 300 mm, n= 10 times)	<b>CORRECT</b>
- <b>Test 15 Back impact test</b> (α = 48°, h = 330 mm, n= 10 times)	<b>CORRECT</b>
- <b>Test 16 Arm impact test</b> (α= 48°, h= 330 mm, n = 10 times)	<b>CORRECT</b>

Paterna, February 20, 2023

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.2302.128.ES.01 dated on 17/02/2023.

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