

# AIDIMME

TECHNOLOGY INSTITUTE

## TEST CERTIFICATE N. 231.Y.2311.690.EN.01

References: 2309072-01, 2405115-14-Ci

**PRODUCT:** VARYA XL TAPIZ - Chair with 4 legs base  
in steel (stackable)

**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:  
**ANSI BIFMA X5.41:2021** Large Occupant Public and Lounge Seating para  
X5.1-400lbf (181 kg)

**RESULT:** Satisfactorily complies with the specifications set by the ANSI BIFMA  
X5.41:2021-400IBF (181 kg), for single seats type C, according to the following  
tests applicable to the model:

TEST	RESULT
4. Type of chair	Single Style C
5. Backrest horizontal static load test. (Fh <sub>1</sub> = 667N, t=1 min. Fh <sub>2</sub> = 1112N, t=10 sec)	CORRECT
7. Backrest durability Test. Horizontal. (Fh= 334 N, n= 120 000 cycles)	CORRECT
14. Seating durability test. (M= 91 kg, h= 31 mm, n= 100 000 cycles)	CORRECT
15. Impact test. (h=152 mm, M <sub>1</sub> =113 kg, M <sub>2</sub> =159 kg)	CORRECT
16. 3. Leg forward static load test (Fh <sub>1</sub> = 444N t=1 min, Fh <sub>2</sub> = 667N t=10 sec)	CORRECT
16. 4. Leg sideways static load test (Fh <sub>1</sub> = 444N t= 1min, Fh <sub>2</sub> = 667N t= 10 sec)	CORRECT
17. Unit drop test (h = 180 mm, n= 2 times)	CORRECT
21.3 & 21.5 Front and rear stability test	STABLE
24. Structural durability test (Q= 159kg, Fh= 444N, n= 25 000 cycles)	CORRECT
29. Seat width measurement	CORRECT

Paterna, May 27, 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.2405.325.ES.01 dated on 27/05/2024.

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