AIDIMME
TECHNOLOGY INSTITUTE

TEST CERTIFICATE N. 231.V.2304.253.EN.01

References: 2212016-01, 2301188-01-Ci

PRODUCT: **LIN WOOD & LIN TAPIZ** BENCHES





COMPANY: **INCLASS DESIGNWORKS, S.L.**
CTRA. ESTACIÓN S/N, POLÍGONO I-4 P.5
03330 CREVILLENTE – Alicante - SPAIN
www.inclass.es

TEST: Compliance with the following standard:
ANSI BIFMA X5.4:2020 Public and Lounge Seating

RESULT: Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2020, for multiple style A seats, according to the following tests:

TEST	RESULT
4. Type of chair	Multiple Style A
5. Backrest horizontal static load test. (Fh_1= 667N, t=1 min. Fh_2 = 1112N, t =10 sec)	CORRECT
7. Backrest durability Test. Horizontal. (Fh= 334 N, n= 120 000 cycles)	CORRECT
9. Arm strength test. Horizontal. ($Fh_{1\ outward\text{-}inward}$= 592N, t= 1 min. $Fh_{2\ outward\text{-}inward}$ = 890N, t=10sec)	CORRECT
10. Arm strength test. Vertical. (F_{v1} = 750 N, t=1 min. F_{v2}= 1125 N, t=10 sec)	CORRECT
11. Arm durability test for multiple seat units. Horizontal. Cyclic. (Fh = 445N, n = 50 000 cycles)	CORRECT
12. Arm durability test for multiple seating units. Vertical. Cyclic. (Fv = 667N, n =10 000 cycles)	CORRECT
13. Arm durability test. Angular. Cyclic (single seats) (F = 400N, n = 60 000 cycles)	CORRECT
14. Seating durability test (M= 57 kg, h= 30 mm, n= 100 000 cycles)	CORRECT
15. Impact test (h=152 mm, M_1=102 kg, M_2=136 kg)	CORRECT
16. 3. Leg forward static load test (Fh_1= 334N t=1 min, Fh_2= 503N t =10 sec)	CORRECT
16. 4. Leg sideways static load test (Fh_1= 334N t= 1min, Fh_2= 503N t = 10 sec)	CORRECT
17. Unit drop test – Dynamic (h = 180 mm, n= 2 times)	CORRECT
21.3 & 21.5 Front and rear stability test	CORRECT
22. Auxiliary writing surface durability test (Fv= 25 kg, 100 000 cycles)	STABLE
23. Auxiliary writing surface static load test (Fv= 68 kg, t=1 min., n=1 time)	CORRECT
24. Structural durability test (Q= 109kg, Fh= 334N, n= 25 000 cycles)	CORRECT

Paterna, July 20, 2023

AIDIMME

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.2304.253.ES.01 dated on 25/04/2023.

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