



## TEST CERTIFICATE N. 230.Z.1601.050.EN.02

Reference: 1509100-01, 1511076-03 1603151-01 -C I

**PRODUCT:** Armchair **DUNAS XS**

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



**TEST:** Compliance with the following standard:  
**ANSI /BIFMA X5.1:2011 OFFICE CHAIRS-TESTS.**

**RESULT:** The model tested satisfactorily fulfils the specifications for the standards used for chairs type III, in the following tests:

TESTS	RESULT
- Para. 4 Type of chair	Type III
- Para. 6 Back static load test ( $F_{H1} = 667$ N, $F_{H2} = 1112$ N, $t=1$ min.)	CORRECT
- Para. 8 Seat unique impact test ( $M_1=102$ kg, $M_2=136$ kg, $h=152$ mm., $n=1$ time)	CORRECT
- Para. 9 Swivel Test – Cyclic ( $M = 113$ kg, $n = 120.000$ cycles)	CORRECT
- Para. 11.3 Seat cyclical impacts test ( $M= 57$ kg, $h= 30$ mm., $n= 100.000$ cycles)	CORRECT
- Para. 11.4 Seat front edge fatigue ( $F_v= 800$ N, $n= 1000000$ cycles)	CORRECT
- Para. 12.3 Back stability ( $M = 60$ kg, $F_H = >192$ N)	CORRECT
- Para. 12.4 Frontal stability ( $F_v = 600$ N, $F_H = >20$ N)	CORRECT
- Para. 16.4 Fatigue on wide back >406 mm ( $F_1= 300$ N, $n= 200000$ cycles)	CORRECT
- Para. 18.3 Leg forward static load test ( $F_{H1} = 334$ N, $F_{H2} = 503$ N, $t=1$ min.)	CORRECT
- Para. 18.4 Leg sideways static load test ( $F_{H1} = 334$ N, $F_{H2} = 503$ N, $t=1$ min.)	CORRECT

Paterna, April 7,, 2016

  
Signed: José Emilio Nuévalos  
Head of Furniture Laboratory

This certificate only refers to the samples tested by the AIDIMA laboratory.

The particular results of the tests are described in technical report ref.: 1509100-01 1510129-01 1511076-03 1603151-01M dated on 28/01/ 2016.

AIDIMA est membre de INNOVAWOOD, le Réseau Européen de l'innovation pour l'industrie Forestière, du Bois et du Meuble, dont les membres sont : BRE-CTTC (Royaume-Uni), CATAS SPA (Italie), COSMOB (Italie), CTIB-TCHN (Belgique), DTI (Danemark), ELKEDE (Grèce), FCBA (France), IHD (Allemagne), ITD (Pologne), SHR (Hollande), ST-TRÁTEK (Suède), TRADA-FIRA (Royaume-Uni), Université de la Colombie-Britannique (UBC-DWS) (Canada), Université de Zagreb (Croatie), WKI (Allemagne).