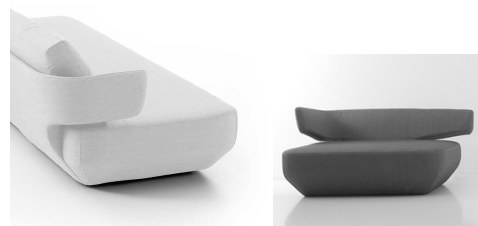


**AIDIMA****TEST CERTIFICATE N° 230.Z.1604.234.EN.1**

References: 1602014-02, 03C -i

**PRODUCT:** LEVITT armchair and sofa**COMPANY:** **VICCARBE HABITAT, S.L.**  
PG. Norte, C/Travesía 1 al camí Racó S/N  
46469 BENIPARRELL (VALENCIA) SPAIN  
Phone: 34 9612010 - Fax: 34961211211  
[www.viccarbe.com](http://www.viccarbe.com)**TEST:** Compliance with the following standards:  
**ANSI/BIFMA X5.4-2012** Lounge and Public Seating. Test.  
**UNE-EN 16139:2013** Furniture. Strength, durability and safety. Requirements for non domestic seating.**RESULT:** Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2012 and UNE-EN 16139:2013, level 1, according to the following tests,

| TESTS                                                                                                               | RESULT  |
|---------------------------------------------------------------------------------------------------------------------|---------|
| Type of chair (single and multiple seating)                                                                         | TYPE A  |
| Safety. General requirements.                                                                                       | CORRECT |
| Backrest horizontal static load test. ( $F_{h1} = 667 \text{ N}$ , $F_{h2} = 1112 \text{ N}$ , $t=1 \text{ min.}$ ) | CORRECT |
| Backrest vertical static load test. ( $F_{v1} = 890 \text{ N}$ , $F_{v2} = 1334 \text{ N}$ , $t=1 \text{ min.}$ )   | CORRECT |
| Seat and back static load test. ( $F_v=1600 \text{ N}$ , $F_h=560 \text{ N}$ , 10 times)                            | CORRECT |
| Seat front edge static load test. ( $F_v = 1300 \text{ N}$ , 10 times)                                              | CORRECT |
| Seat and back durability test. ( $F_v = 1000 \text{ N}$ , $F_h = 300 \text{ N}$ , $n = 120\,000$ cycles)            | CORRECT |
| Backrest durability test. Vertical. ( $F_v = 890 \text{ N}$ , $n = 10\,000$ cycles)                                 | CORRECT |
| Seat front edge durability test. ( $F_v = 800 \text{ N}$ , $n = 50\,000$ cycles)                                    | CORRECT |
| Arm durability test. Horizontal. ( $F = 445 \text{ N}$ , $n = 50\,000$ cycles)                                      | CORRECT |
| Arm durability test. Vertical. ( $F = 667 \text{ N}$ , $n = 30\,000$ cycles)                                        | CORRECT |
| Seating durability test. ( $M = 57 \text{ kg}$ , $h = 30 \text{ mm.}$ , $n = 100\,000$ cycles)                      | CORRECT |
| Arm Strength test. Horizontal static load. ( $F_{h1}=592 \text{ N}$ , $F_{h2}=890 \text{ N}$ , $t=1 \text{ min.}$ ) | CORRECT |
| Arm Strength test. Vertical static load. ( $F_{v1}=780 \text{ N}$ , $F_{v2}=1125 \text{ N.}$ , $t=1 \text{ min.}$ ) | CORRECT |
| Impact test. ( $h=152 \text{ mm.}$ , $M_1=102 \text{ kg}$ , $M_2=136 \text{ kg.}$ )                                 | CORRECT |
| Back impact test. ( $\alpha = 38^\circ$ , $h = 210 \text{ mm.}$ , 10 times)                                         | CORRECT |
| Arm impact test. ( $\alpha = 38^\circ$ , $h = 210 \text{ mm.}$ , 10 times)                                          | CORRECT |
| Leg forward static load test. ( $Q = 1000 \text{ N.}$ , $F_h = 500 \text{ N}$ , 10 times)                           | CORRECT |
| Leg sideways static load test. $Q = 1000 \text{ N.}$ , $F_h = 400 \text{ N}$ , 10 times)                            | CORRECT |
| Unit drop test. ( $h = 120 \text{ mm}$ $n=2$ )                                                                      | CORRECT |
| Stability test.                                                                                                     | STABLE  |

Paterna, April 13, 2016

Signed. José Emilio Nuévalos  
Head of Furniture Laboratory

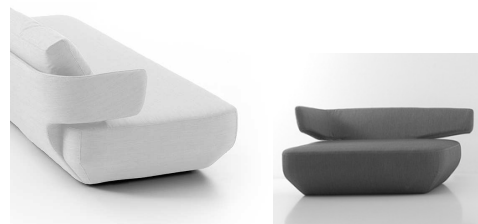
This certificate only refers to the samples tested by the AIDIMA laboratory.

The particular results of the tests are described in technical report reference: Ref.: 1602014-02, 03dated on 13/04/2016.

AIDIMA is a member of INNOVAWOOD, The European Network of Research and Training for the Forest, Wood and Furniture Industry, among whose members are: CATAS SPA (Italy), COSMOB (Italy), CTIB-TCHN (Belgium), DTI (Denmark), ELKEDE (Greece), EMPA (Switzerland), FCBA (France), HFA (Austria), IHD (Germany), ITD (Poland), SHR (Holland), SP Tråtek (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), VTT (Finland), WKI (Germany).

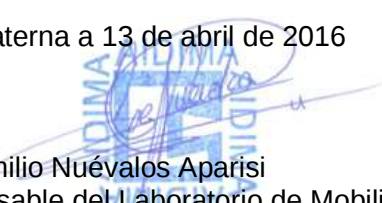
**CERTIFICADO DE ENSAYO Nº 230.C.1604.234.ES.01**

Referencia: 1602014-02, 03- C

**PRODUCTO:** Sillón y sofá **LEVITT****EMPRESA:** **VICCARBE HABITAT, S.L.**  
PG. Norte, C/Travesía 1 al camí Racó S/N  
46469 BENIPARRELL (VALENCIA)  
Tfno: 96 120 10 10 - Fax: 96 121 12 11  
[www.viccarbe.com](http://www.viccarbe.com)**ENSAYO:** Adecuación a las siguientes normas:  
**ANSI/BIFMA X5.4-2012** Lounge and Public Seating. Test.  
**UNE-EN 16139:2013** Furniture. Strength, durability and safety. Requirements for non domestic seating.**RESULTADO:** La muestra ensayada cumple con las especificaciones establecidas por las normas ANSI BIFMA X5.4:2012 y UNE-EN 16139:2013 para asientos de uso no doméstico, nivel 1 uso general, en los siguientes ensayos:

| ENSAYOS                                                                                     | RESULTADO |
|---------------------------------------------------------------------------------------------|-----------|
| Tipo de asiento (Individual y múltiple)                                                     | TIPO A    |
| Requisitos generales de seguridad.                                                          | CONFORME  |
| Carga estática horizontal sobre respaldo. ( $F_{h1}$ = 667N, $F_{h2}$ = 1112N, $t$ =1 min.) | CORRECTO  |
| Carga estática vertical sobre respaldo. ( $F_{v1}$ = 890N, $F_{v2}$ = 1334N, $t$ =1 min.)   | CORRECTO  |
| Carga estática sobre asiento y respaldo. ( $F_v$ = 1 600N, $F_h$ = 560N, 10 veces)          | CORRECTO  |
| Carga estática s/borde delantero del asiento. ( $F_v$ = 1 300N, $N$ = 10 veces)             | CORRECTO  |
| Durabilidad del asiento y respaldo. ( $F_v$ = 1 000N, $F_h$ = 300N, $n$ =120 000 ciclos)    | CORRECTO  |
| Durabilidad vertical del respaldo. ( $F_v$ = 890N, $n$ = 10 000 ciclos)                     | CORRECTO  |
| Durabilidad del borde delantero del asiento. ( $F_v$ = 800N, $n$ = 50 000 ciclos)           | CORRECTO  |
| Durabilidad horizontal de los brazos. ( $F$ = 445N, $N$ = 50 000 ciclos)                    | CORRECTO  |
| Durabilidad vertical de los brazos. ( $F$ = 667N, $N$ = 30 000 ciclos)                      | CORRECTO  |
| Durabilidad de asiento. ( $M$ = 57kg, $h$ = 30mm, $N$ =100 000 ciclos)                      | CORRECTO  |
| Carga estática horizontal de brazos. ( $F_{h1}$ = 592 N., $F_{h2}$ = 890 N., $t$ =1 min.)   | CORRECTO  |
| Carga estática vertical de brazos. ( $F_{v1}$ = 780 N., $F_{v2}$ = 1125 N. $t$ =1 min.)     | CORRECTO  |
| Impacto único. ( $h$ = 152mm, $M_1$ = 102kg, $M_2$ = 136kg)                                 | CORRECTO  |
| Impacto sobre el respaldo. ( $\alpha$ = 38°, $h$ = 210 mm., 10 veces)                       | CORRECTO  |
| Impacto sobre brazos. ( $\alpha$ = 38°, $h$ = 210 mm., 10 veces)                            | CORRECTO  |
| Carga estática hacia delante de las patas. ( $Q$ = 1 000 N., $F_h$ = 500N, 10 veces)        | CORRECTO  |
| Carga estática lateral sobre patas. ( $Q$ = 1 000 N., $F_h$ = 400 N, 10 veces)              | CORRECTO  |
| Caída. ( $h$ = 120mm $n$ =2)                                                                | CORRECTO  |
| Estabilidad.                                                                                | ESTABLE   |

Paterna a 13 de abril de 2016

  
José Emilio Nuévalos Aparisi  
Responsable del Laboratorio de Mobiliario

El presente certificado únicamente concierne a las muestras ensayadas por el Laboratorio de AIDIMA.

Los resultados particulares del ensayo se encuentran descritos en el informe técnico ref. 1602014-02, 03de 13/04/2016

"AIDIMA es miembro de INNOVAWOOD, la Red Europea de Innovación para la Industria Forestal, de la Madera y el Mueble, entre cuyos miembros se encuentran: BRE-CTTC (Reino Unido), CATAS SPA (Italia), COSMOB (Italia), CTIB-TCHN (Bélgica), DTI (Dinamarca), ELKEDE (Grecia), FCBA (Francia), IHD (Alemania), ITD (Polonia), SHR (Holanda), TRADA-FIRA (Reino Unido), University of British Columbia (UBC-DWS) (Canadá), University of Zagreb (Croacia), WKI (Alemania)".