

Date received: 03/03/16

Date of issue: 06/04/16

Report consists of 6 test reports.

Defects before testing: None

Sample name: BALU' armchair

TRABALDO S.R.L.  
VIA PROGRESSO 55-Z.A.  
36035 MARANO VICENTINO (VI)  
ITALIA

## SAMPLE N° 210111

Overall dimensions: 670 x 560 x 710 (h) mm

### List performed tests:

1. Seat and back static load test EN 1728:2012+AC:2013
2. Seat and back fatigue test EN 1728:2012+AC:2013
3. Arm fatigue test EN 1728:2012+AC:2013
4. Leg forward static load test EN 1728:2012+AC:2013
5. Leg sideways static load test EN 1728:2012+AC:2013
6. Stability - EN 1022:2005



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Managing Director  
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

## SAMPLE N° 210111

Date of issue: 06/04/16  
Sample weight: Not determined  
Sample name: BALU' armchair



Side view



Rear view



Bottom view

## TEST REPORT

**210111 / 1**

Date received: 03/03/16

Date of test: 08/03/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
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ITALIA

## Seat and back static load test EN 1728:2012+AC:2013

### Seat and back static load test, clause 6.4

#### Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	560	10	No defects

### Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.300	10	No defects

#### Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

210111 / 2

Date received: 03/03/16

Date of test: 21/03/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
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**Seat and back fatigue test EN 1728:2012+AC:2013**

Seat and back fatigue test, clause 6.17


Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

Note:

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# TEST REPORT

210111 / 3

Date received: 03/03/16

Date of test: 29/03/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
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ITALIA

## Arm fatigue test EN 1728:2012+AC:2013

Arm fatigue test clause 6.20

Test results:

Force on arm rest N	Number of cycles	Remarks
400	30.000	No defects

Note:

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## TEST REPORT

**210111 / 4**

Date received: 03/03/16

Date of test: 05/04/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
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ITALIA

## Leg forward static load test EN 1728:2012+AC:2013

Leg forward static load test clause 6.15

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
500	1.000	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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Managing Director  
Dr. Andrea Glavon

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## TEST REPORT

**210111 / 5**

Date received: 03/03/16

Date of test: 05/04/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
VIA PROGRESSO 55-Z.A.  
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ITALIA

## Leg sideways static load test EN 1728:2012+AC:2013

Leg sideways static load test clause 6.16

### Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
400	1.000	10	No defects

### Note:

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TEST REPORT

210111 / 6

Date received: 03/03/16

Date of test: 05/04/16

Date of issue: 06/04/16

Sample name: BALU' armchair



TRABALDO S.R.L.  
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36035 MARANO VICENTINO (VI)  
ITALIA

**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 164 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 164 N does not overturn

**Tilting chair in the rearmost position**

Loading discs on the seat : /

**Sideways overturning for chairs with arms**

Horizontal force : 20 N does not overturn

**Sideways overturning for chairs without arms**

Horizontal force : /

**Forwards overturning for chairs with footrest**

Horizontal force : /

Test passed

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Managing Director  
Dr. Andrea Giavon