

Date received: 17/11/17

Date of issue: 21/12/17

Report consists of 5 test reports.

Defects before testing: None

Sample name: ELENA

ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
ITALIA

## SAMPLE N° 242796

Overall dimensions: 510 x 490 x 790 (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. Leg forward static load test EN 1728:2012+AC:2013
4. Leg sideways static load test EN 1728:2012+AC:2013
5. Stability - EN 1022:2005



*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

*Managing Director*  
*Dr. Andrea Griavon*

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° 242796

Date of issue: 21/12/17  
Sample weight: Not determined  
Sample name: ELENA



Side view



Rear view



Bottom view

# TEST REPORT

## 242796 / 1

Date received: 17/11/17  
Date of test: 11/12/17  
Date of issue: 21/12/17  
Sample name: ELENA



ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
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	500	10	No defects

Note :

According to EN 1728:2012, back force has been reduced from 560 N to 500 N to avoid tipping.

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.

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

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.

# TEST REPORT

## 242796 / 2

Date received: 17/11/17  
Date of test: 11/12/17  
Date of issue: 21/12/17  
Sample name: ELENA



ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
ITALIA

### 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:

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

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

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.

# TEST REPORT

## 242796 / 3

Date received: 17/11/17  
Date of test: 19/12/17  
Date of issue: 21/12/17  
Sample name: ELENA



ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
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.

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

Managing Director  
Dr. Andrea Glavon

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.

# TEST REPORT

**242796 / 4**

Date received: 17/11/17  
Date of test: 19/12/17  
Date of issue: 21/12/17  
Sample name: ELENA



ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
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:

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

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

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.

TEST REPORT

242796 / 5

Date received: 17/11/17  
Date of test: 19/12/17  
Date of issue: 21/12/17  
Sample name: ELENA



ITALCHAIR S.R.L.  
VIA CAMPO AVIAZIONE 4  
36065 MUSSOLENTE (VI)  
ITALIA

**Stability - EN 1022:2005**

Type of chair: four legs chair

Minimum horizontal force for rearwards overturning of fixed back chair: 171 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 171 N does not overturn

**Tilting chair in the rearmost position**

Loading discs on the seat : /

**Sideways overturning for chairs with arms**

Horizontal force : /

**Sideways overturning for chairs without arms**

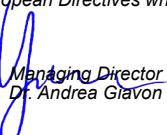
Horizontal force : 20 N does not overturn

**Forwards overturning for chairs with footrest**

Horizontal force : /

Test passed

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

  
Managing Director  
Dr. Andrea Glavon