

Declaration of conformity

n° 13265 / 2022

According to the results of the following tests:

EN 16139 test report n. 340527- 1/2022
EN 16139 test report n. 340527- 2/2022
EN 1728 test report n. 340527- 3/2022
EN 1728 test report n. 340527- 4/2022
EN 1728 test report n. 340527- 5/2022
EN 1728 test report n. 340527- 6/2022
EN 1728 test report n. 340527- 7/2022
EN 1728 test report n. 340527- 8/2022
EN 1728 test report n. 340527- 9/2022
EN 1728 test report n. 340527-10/2022
EN 1022 test report n. 340527-11/2022



we hereby testify that

LORIA chair - 4 legs metal chair

of company

CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)ITALIA

**complies with the strength, durability and safety requirements
of 1st level of EN 16139:2013+AC2013**

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The managing director
Dr. Franco Bulian

December 27th, 2022

Report ID: 340527
Date of sample receipt: 07/12/22
Date of issue: 27/12/22

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs metal chair

SAMPLE N° 340527

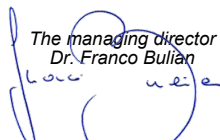
Overall dimensions: 540 x 520 x 790 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Information for use EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Vertical load on back rest EN 1728:2012+AC:2013
5. Seat and back fatigue test EN 1728:2012+AC:2013
6. Seat front edge durability test EN 1728:2012+AC:2013
7. Leg forward static load test EN 1728:2012+AC:2013
8. Leg sideways static load test EN 1728:2012+AC:2013
9. Seat impact test EN 1728:2012+AC:2013
10. Back impact test EN 1728:2012+AC:2013
11. Stability - EN 1022:2005
12. Stability EN 1022:2018, clause 7.3



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 340527

Date of issue: 27/12/22
Sample weight: Not determined
Sample name: LORIA chair - 4 legs metal chair



Side view



Rear view



Bottom view

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TEST REPORT

340527 / 1

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 07/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No

Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013: **YES**

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TEST REPORT

340527 / 2

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 22/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	English language
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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TEST REPORT

340527 / 3

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs metal chair

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

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, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 4

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs metal chair

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 5

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 16/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 6

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 23/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 7

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 8

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 9

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 10

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs metal chair

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340527 / 11

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 160 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 160 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 : /

The test result complies with the requirements of EN 1022:2005

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TEST REPORT
340527 / 12

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs metal chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn
Forwards overturning for seating with foot rest, clause 7.3.2 : /
Corner stability, clause 7.3.3 : does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : does not overturn
Seating with arm rests, clause 7.3.5.2 : /
Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6
Minimum force required: 160 N : does not overturn

Tilting seating, clause 7.4.2 : /
Reclining seating with leg rest, clause 7.4.3 : /
Reclining seating without leg rest, clause 7.4.4 : /
Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

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ISTRUZIONI D'USO SEDIA LORIA SENZA BRACCIOLI + FUSTO 4G METALLO

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura metallica appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Il prodotto non è adatto ad uso esterno, se non richiesto.
- Si possono impilare fino a 6 sedie.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

LORIA CHAIR + 4 LEGS METAL FRAME USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the chair manually or by using tools;
- Check that the metal frame is completely leant to the floor and the floor does not allow any sliding of the chair;
- Do not swing the chair while using;
- Do not sit on the backrest or arms;
- Do not stand on your feet or your knee on the chair;
- Do not drag the chair, while moving it;
- Avoid any contact with head source;
- The chair is not suitable for outdoor use, if not clearly indicated;
- Stackable up to 6 chairs.

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home/Office
- Schools
- Hospitality/Restaurants

Report ID: 350513
Date of sample receipt: 09/06/23
Date of issue: 15/06/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

SAMPLE N° 350513

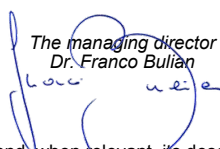
Overall dimensions: 430 x 520 x 790 (h) mm

List of test reports:

1. Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24
2. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17



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SAMPLE N° 350513

Date of issue: 15/06/23
Sample weight: Not determined
Sample name: SEDIA LORIA FUSTO 4G PLASTICA



Side view



Rear view



Bottom view

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TEST REPORT

350513 / 1

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 13/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24

Seat height: 460 mm

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.4-2020.

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*The managing director
Dr. Franco Bulian*

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TEST REPORT

350513 / 2

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 15/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 4 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian

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Report ID: 352387
Date of sample receipt: 05/07/23
Date of issue: 13/07/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 01 4 LEGS PLASTIC

SAMPLE N° 352387

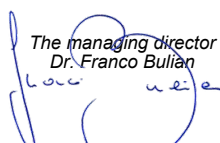
Overall dimensions: 450 x 510 x 790 (h) mm

List of test reports:

1. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 352387

Date of issue: 13/07/23
Sample weight: Not determined
Sample name: LORIA 01 4 LEGS PLASTIC



Side view



Rear view



Bottom view

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TEST REPORT

352387 / 1

Revision: 0
Date of sample receipt: 05/07/23
Date of test: 11/07/23
Date of issue: 13/07/23



Sample name: LORIA 01 4 LEGS PLASTIC

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)

Type of chair: Type III

Height of drop: 152 mm above the uncompressed seat surface

Test results:

Bag weight kg	Number of drops	Remarks
102	1	No defects
136	1	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian

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Report ID: 352388
Date of sample receipt: 05/07/23
Date of issue: 13/07/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 01 4 LEGS PLASTIC

SAMPLE N° 352388

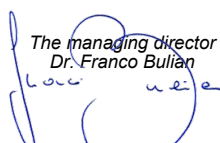
Overall dimensions: 450 x 510 x 790 (h) mm

List of test reports:

1. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)
2. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 352388

Date of issue: 13/07/23
Sample weight: Not determined
Sample name: LORIA 01 4 LEGS PLASTIC



Side view



Rear view



Bottom view

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TEST REPORT

352388 / 1

Revision: 0
Date of sample receipt: 05/07/23
Date of test: 12/07/23
Date of issue: 13/07/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 01 4 LEGS PLASTIC

Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load N	Time of application minutes	Remarks
Right leg	334	1	No defects
Left leg	334	1	No defects

Leg	Applied load N	Time of application minutes	Remarks
Right leg	503	1	No defects
Left leg	503	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT

352388 / 2

Revision: 0
Date of sample receipt: 05/07/23
Date of test: 12/07/23
Date of issue: 13/07/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 01 4 LEGS PLASTIC

Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load N	Time of application minutes	Remarks
Front leg	334	1	No defects
Rear leg	334	1	No defects

Leg	Applied load N	Time of application minutes	Remarks
Front leg	503	1	No defects
Rear leg	503	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian
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LORIA 4 PLASTIC LEGS



LORIA 4 PLASTIC LEGS USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the stool manually or by using tools;
- Check that the stool is completely leant to the floor and the floor does not allow any sliding;
- Do not swing the product while using;
- Do not stand on your feet or your knee on the stool;
- Do not drag the product, while moving it;
- Avoid any contact with head source;

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home
- Waiting areas
- Hospitality/Bar/Restaurants

Report ID: 347472
Date of sample receipt: 26/04/23
Date of issue: 05/06/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 4G

SAMPLE N° 347472

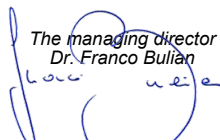
Overall dimensions: 500 x 500 x 800 (h) mm

List of test reports:

1. Stability test ANSI-BIFMA X5.4-2020/21
2. Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7
3. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
4. Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24
5. Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14
6. Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5
7. Drop test - dynamic ANSI-BIFMA X5.4-2020/15



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SAMPLE N° 347472

Date of issue: 05/06/23
Sample weight: Not determined
Sample name: LORIA 4G



Side view



Rear view



Bottom view

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TEST REPORT

347472 / 1

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 27/04/23
Date of issue: 05/06/23
Sample name: LORIA 4G



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability test ANSI-BIFMA X5.4-2020/21

Clause 21.3

Rear stability for non-tilting units

Seat load:	60 kg	
Minimum force required:	142 N	
Measured force:	> 180 N *	Does not overturn

Clause 21.4

Rear stability for tilting units

Loading discs on the seat /

Clause 21.5

Front Stability for Units Less than 36.3 kg

Seat load:	600 N	
Minimum force required:	20 N	
Measured force:	> 20 N	Does not overturn

Clause 21.6

Front Stability for Units Greater Than or Equal to 36.3 kg

Weight of the unit:	5 kg
Minimum force required:	/ N
Measured force:	/ N

The test results comply with the requirements in clause 21.3.3 and 21.5.4 of ANSI-BIFMA X5.4-2020.

* Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is $\pm 5\%$.
The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.
They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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TEST REPORT

347472 / 2

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 04/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7

Backrest height: 390 mm

Test results:

Horizontal force N	Number of cycles per position	Remarks
334	120.000	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

347472 / 3

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 15/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 5 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

347472 / 4

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 15/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Structural durability test - Cyclic ANSI BIFMA X5.4-2020/24

Seat height: 470 mm

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

347472 / 5

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 22/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

The test results comply with the requirements in clause 14.5 of ANSI-BIFMA X5.4-2020.

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*The managing director
Dr. Franco Bulian*

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TEST REPORT

347472 / 6

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 29/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5

Backrest height: < 452 mm

Test results:

Back load for each seating position N	Time of application	Remarks
667	1 min	No defects
1.112	10 s	No defects

The test results comply with the requirements in clause 5.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian
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TEST REPORT

347472 / 7

Revision: 0
Date of sample receipt: 26/04/23
Date of test: 29/05/23
Date of issue: 05/06/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian

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Report ID: 353461
Date of sample receipt: 28/07/23
Date of issue: 03/08/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 4G

SAMPLE N° 353461

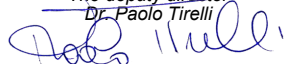
Overall dimensions: 520 x 520 x 790 (h) mm

List of test reports:

1. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)
2. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)



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The deputy director
Dr. Paolo Tirelli


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SAMPLE N° 353461

Date of issue: 03/08/23
Sample weight: Not determined
Sample name: LORIA 4G



Side view



Rear view



Bottom view

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TEST REPORT

353461 / 1

Revision: 0
Date of sample receipt: 28/07/23
Date of test: 02/08/23
Date of issue: 03/08/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load N	Time of application minutes	Remarks
Right leg	334	1	No defects
Left leg	334	1	No defects

Leg	Applied load N	Time of application minutes	Remarks
Right leg	503	1	No defects
Left leg	503	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The deputy director
Dr. Paolo Tirelli

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TEST REPORT

353461 / 2

Revision: 0
Date of sample receipt: 28/07/23
Date of test: 02/08/23
Date of issue: 03/08/23



Sample name: LORIA 4G

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load N	Time of application minutes	Remarks
Front leg	334	1	No defects
Rear leg	334	1	No defects

Leg	Applied load N	Time of application minutes	Remarks
Front leg	503	1	No defects
Rear leg	503	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The deputy director
Dr. Paolo Tirelli

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ISTRUZIONI D'USO SEDIA LORIA SENZA BRACCIOLI + FUSTO 4G METALLO

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura metallica appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinarsi.
- Evitare il contatto con fonti di calore.
- Il prodotto non è adatto ad uso esterno, se non richiesto.
- Si possono impilare fino a 6 sedie.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

Declaration of conformity

n° 13375 / 2023

According to the results of the following tests:

EN 16139 test report n. 344674- 1/2023
EN 16139 test report n. 344674- 2/2023
EN 1728 test report n. 344674- 3/2023
EN 1728 test report n. 344674- 4/2023
EN 1728 test report n. 344674- 5/2023
EN 1728 test report n. 344674- 6/2023
EN 1728 test report n. 344674- 7/2023
EN 1728 test report n. 344674- 8/2023
EN 1728 test report n. 344674- 9/2023
EN 1728 test report n. 344674-10/2023
EN 1728 test report n. 344674-11/2023
EN 1728 test report n. 344674-12/2023
EN 1728 test report n. 344674-13/2023
EN 1728 test report n. 344674-14/2023
EN 1022 test report n. 344674-15/2023



we hereby testify that

LORIA ARMCHAIR SLED BASE
of company
CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)ITALIA
**complies with the strength, durability and safety requirements
of 1st level of EN 16139:2013+AC2013**

This document is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

March 30th, 2023

Report ID: 344674
Date of sample receipt: 01/03/23
Date of issue: 30/03/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

SAMPLE N° 344674

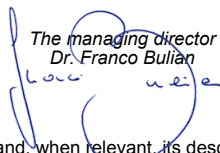
Overall dimensions: 580 x 530 x 790 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Information for use EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Vertical load on back rest EN 1728:2012+AC:2013
5. Arm downwards static load test EN1728:2012+AC:2013
6. Arm sideways static load test EN 1728:2012+AC:2013
7. Seat and back fatigue test EN 1728:2012+AC:2013
8. Seat front edge durability test EN 1728:2012+AC:2013
9. Arm fatigue test EN 1728:2012+AC:2013
10. Leg forward static load test EN 1728:2012+AC:2013
11. Leg sideways static load test EN 1728:2012+AC:2013
12. Seat impact test EN 1728:2012+AC:2013
13. Back impact test EN 1728:2012+AC:2013
14. Arm rest impact test EN 1728:2012+AC:2013
15. Stability - EN 1022:2005
16. Stability EN 1022:2018, clause 7.3



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 344674

Date of issue: 30/03/23
Sample weight: Not determined
Sample name: LORIA ARMCHAIR SLED BASE



Side view



Rear view



Bottom view

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TEST REPORT

344674 / 1

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No

Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013: **YES**

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The managing director
Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT

344674 / 2

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 17/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	English language
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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Dr. Franco Bulian
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TEST REPORT

344674 / 3

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

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, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Dr. Franco Bulian
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TEST REPORT

344674 / 4

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT

344674 / 5

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm downwards static load test clause 6.11, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 6

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Arm sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm sideways static load test clause 6.10, EN 1728:2012+AC:2013

Test results:

Horizontal force N	Number of applications	Remarks
400	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 7

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 10/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 8

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 20/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 9

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 27/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm fatigue test clause 6.20, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 10

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 28/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

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

Test performed according to EN 16139:2013+AC:2013

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344674 / 11

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 28/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT
344674 / 12

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 28/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian
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TEST REPORT
344674 / 13

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 29/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian

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TEST REPORT

344674 / 14

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 29/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm rest impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm rest impact test clause 6.26, EN 1728:2012+AC:2013

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian
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TEST REPORT

344674 / 15

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 29/03/23
Date of issue: 30/03/23



Sample name: LORIA ARMCHAIR SLED BASE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 163 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 163 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 : /

The test result complies with the requirements of EN 1022:2005

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*The managing director
Dr. Franco Bulian*

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TEST REPORT
344674 / 16

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 29/03/23
Date of issue: 30/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR SLED BASE

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : /

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : /

Seating with arm rests, clause 7.3.5.2 : does not overturn

Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 163 N : does not overturn

Tilting seating, clause 7.4.2 : /

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

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The managing director
Dr. Franco Bulian

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ISTRUZIONI D'USO SEDIA LORIA BRACCIOLI + SLITTA

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Sedia non impilabile.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

LORIA ARMCHAIR + ROD FRAME

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the chair manually or by using tools;
- Check that the frame is completely leant to the floor and the floor does not allow any sliding of the chair;
- Do not swing the chair while using;
- Do not sit on the backrest or arms;
- Do not stand on your feet or your knee on the chair;
- Do not drag the chair, while moving it;
- Avoid any contact with head source;
- Not stackable chair.

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home/Office
- Schools
- Hospitality/Restaurants

Declaration of conformity

n° 13366 / 2023

According to the results of the following tests:

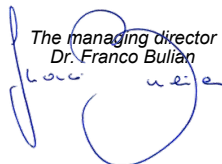
EN 16139 test report n. 344675- 1/2023
EN 16139 test report n. 344675- 2/2023
EN 1728 test report n. 344675- 3/2023
EN 1728 test report n. 344675- 4/2023
EN 1728 test report n. 344675- 5/2023
EN 1728 test report n. 344675- 6/2023
EN 1728 test report n. 344675- 7/2023
EN 1728 test report n. 344675- 8/2023
EN 1728 test report n. 344675- 9/2023
EN 1728 test report n. 344675-10/2023
EN 1728 test report n. 344675-11/2023
EN 1728 test report n. 344675-12/2023
EN 1022 test report n. 344675-13/2023



we hereby testify that

LORIA ARMCHAIR - 4 STARS LEGS BASE
of company
CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)ITALIA
**complies with the strength, durability and safety requirements
of 1st level of EN 16139:2013+AC2013**

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The managing director
Dr. Franco Bulian


March 22nd, 2023

Report ID: 344675
Date of sample receipt: 01/03/23
Date of issue: 22/03/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

SAMPLE N° 344675

Overall dimensions: 720 x 720 x 800 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Information for use EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Vertical load on back rest EN 1728:2012+AC:2013
5. Arm downwards static load test EN1728:2012+AC:2013
6. Arm sideways static load test EN 1728:2012+AC:2013
7. Seat and back fatigue test EN 1728:2012+AC:2013
8. Seat front edge durability test EN 1728:2012+AC:2013
9. Arm fatigue test EN 1728:2012+AC:2013
10. Seat impact test EN 1728:2012+AC:2013
11. Back impact test EN 1728:2012+AC:2013
12. Arm rest impact test EN 1728:2012+AC:2013
13. Stability EN 1022:2018, clause 7.3



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*The managing director
Dr. Franco Bulian*
Loc. u.e.

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SAMPLE N° 344675

Date of issue: 22/03/23
Sample weight: Not determined
Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE



Side view



Rear view



Bottom view

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TEST REPORT

344675 / 1

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013:	YES

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The managing director
Dr. Franco Bulian
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TEST REPORT

344675 / 2

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 17/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	English language
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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The managing director
Dr. Franco Bulian
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TEST REPORT

344675 / 3

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

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, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian

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TEST REPORT

344675 / 4

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Dr. Franco Bulian*

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TEST REPORT

344675 / 5

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm downwards static load test clause 6.11, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344675 / 6

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 02/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Arm sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm sideways static load test clause 6.10, EN 1728:2012+AC:2013

Test results:

Horizontal force N	Number of applications	Remarks
400	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344675 / 7

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 03/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

344675 / 8

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 10/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Dr. Franco Bulian*

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TEST REPORT

344675 / 9

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 14/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm fatigue test clause 6.20, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT
344675 / 10

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 20/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian
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TEST REPORT

344675 / 11

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 20/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT
344675 / 12

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 20/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Arm rest impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm rest impact test clause 6.26, EN 1728:2012+AC:2013

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian

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TEST REPORT
344675 / 13

Revision: 0
Date of sample receipt: 01/03/23
Date of test: 20/03/23
Date of issue: 22/03/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA ARMCHAIR - 4 STARS LEGS BASE

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : /

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : /

Seating with arm rests, clause 7.3.5.2 : does not overturn

Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 163 N : does not overturn

Tilting seating, clause 7.4.2 : /

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian
(Handwritten signature)

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ISTRUZIONI D'USO SEDIA LORIA BRACCIOLI + TRESPOLO 4 GAMBE

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Sedia non impilabile.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

LORIA ARMCHAIR + 4-STAR BASE

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the chair manually or by using tools;
- Check that the frame is completely leant to the floor and the floor does not allow any sliding of the chair;
- Do not swing the chair while using;
- Do not sit on the backrest or arms;
- Do not stand on your feet or your knee on the chair;
- Do not drag the chair, while moving it;
- Avoid any contact with head source;
- Not stackable chair.

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home/Office
- Schools
- Hospitality/Restaurants

Declaration of conformity

n° 13530 / 2023

According to the results of the following tests:

EN 16139 test report n. 351185- 1/2023
EN 16139 test report n. 351185- 2/2023
EN 1728 test report n. 351185- 3/2023
EN 1728 test report n. 351185- 4/2023
EN 1728 test report n. 351185- 5/2023
EN 1728 test report n. 351185- 6/2023
EN 1728 test report n. 351185- 7/2023
EN 1728 test report n. 351185- 8/2023
EN 1728 test report n. 351185- 9/2023
EN 1728 test report n. 351185-10/2023
EN 1728 test report n. 351185-11/2023
EN 1728 test report n. 351185-12/2023
EN 1728 test report n. 351185-13/2023
EN 1728 test report n. 351185-14/2023
EN 1728 test report n. 351185-15/2023
EN 1022 test report n. 351185-16/2023



we hereby testify that

Loria wood legs
of company
CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)ITALIA
**complies with the strength, durability and safety requirements
of 1st level of EN 16139:2013+AC2013**

This document is part of a PDF file digitally signed by Paolo Tirelli.

The deputy director
Dr. Paolo Tirelli

July 24th, 2023

Report ID: 351185
Date of sample receipt: 20/06/23
Date of issue: 24/07/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: Loria wood legs

SAMPLE N° 351185

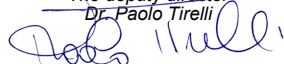
Overall dimensions: 585 x 450 x 790 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Information for use EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Vertical load on back rest EN 1728:2012+AC:2013
5. Arm downwards static load test EN1728:2012+AC:2013
6. Arm sideways static load test EN 1728:2012+AC:2013
8. Seat and back fatigue test EN 1728:2012+AC:2013
9. Seat front edge durability test EN 1728:2012+AC:2013
10. Arm fatigue test EN 1728:2012+AC:2013
11. Leg forward static load test EN 1728:2012+AC:2013
12. Leg sideways static load test EN 1728:2012+AC:2013
13. Seat impact test EN 1728:2012+AC:2013
14. Back impact test EN 1728:2012+AC:2013
15. Arm rest impact test EN 1728:2012+AC:2013
16. Stability - EN 1022:2005
17. Stability EN 1022:2018, clause 7.3



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The deputy director
Dr. Paolo Tirelli


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SAMPLE N° 351185

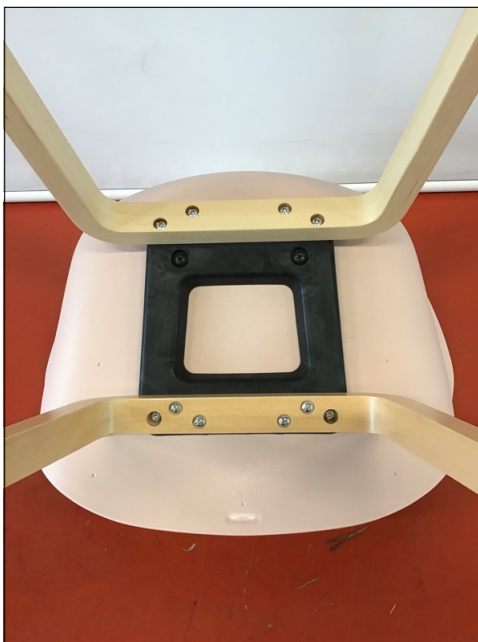
Date of issue: 24/07/23
Sample weight: Not determined
Sample name: Loria wood legs



Side view



Rear view



Bottom view

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TEST REPORT

351185 / 1

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 23/06/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013:	YES

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Dr. Paolo Tirelli

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TEST REPORT

351185 / 2

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 24/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user (Valuated only English and Italian languages)	Present
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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TEST REPORT

351185 / 3

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 27/06/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	520	10	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 520 N to avoid tipping.

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 4

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 27/06/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 5

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 27/06/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm downwards static load test clause 6.11, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 6

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 27/06/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm sideways static load test clause 6.10, EN 1728:2012+AC:2013

Test results:

Horizontal force N	Number of applications	Remarks
400	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 8

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 05/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 9

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 11/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 10

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 17/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm fatigue test clause 6.20, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 11

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 19/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 12

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 19/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 13

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 19/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 14

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 20/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Dr. Paolo Tirelli

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TEST REPORT

351185 / 15

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 20/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm rest impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm rest impact test clause 6.26, EN 1728:2012+AC:2013

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

351185 / 16

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 20/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 161 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 161 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 : /

The test result complies with the requirements of EN 1022:2005

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The deputy director
Dr. Paolo Tirelli

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TEST REPORT

351185 / 17

Revision: 0
Date of sample receipt: 20/06/23
Date of test: 20/07/23
Date of issue: 24/07/23



Sample name: Loria wood legs

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : /

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : /

Seating with arm rests, clause 7.3.5.2 : does not overturn

Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 161 N : does not overturn

Tilting seating, clause 7.4.2 : /

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

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The deputy director
Dr. Paolo Tirelli

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ISTRUZIONI D'USO SEDIA LORIA SENZA BRACCIOLI + FUSTO 4G METALLO

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura metallica appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Il prodotto non è adatto ad uso esterno, se non richiesto.
- Si possono impilare fino a 6 sedie.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

Report ID: 357565
Date of sample receipt: 10/10/23
Date of issue: 25/10/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA

SAMPLE N° 357565

Overall dimensions: 460 x 500 x 800 (h) mm

List of test reports:

1. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)
2. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)
3. Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24(2022)
4. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10(2022)
5. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)



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The managing director
Dr. Franco Bulian
loc. u.e.

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SAMPLE N° 357565

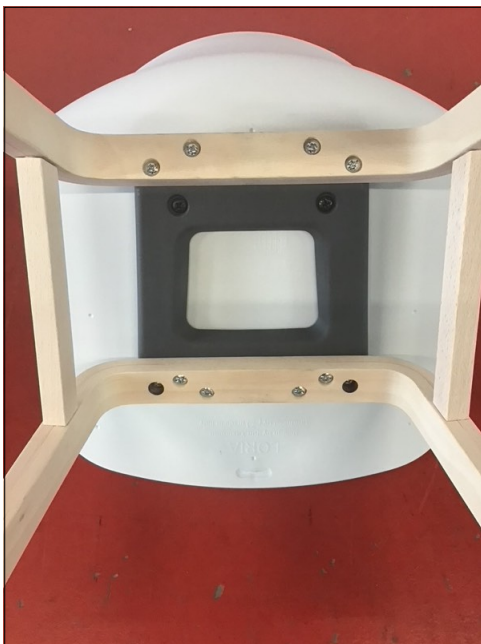
Date of issue: 25/10/23
Sample weight: Not determined
Sample name: LORIA



Side view



Rear view



Bottom view

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TEST REPORT

357565 / 1

Revision: 0
Date of sample receipt: 10/10/23
Date of test: 11/10/23
Date of issue: 25/10/23
Sample name: LORIA



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test- Side application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load (N)	Time of application (minutes)	Number of cycles	Remarks
Front leg	334	1	1	No defects
Rear leg	334	1	1	No defects

Leg	Applied load (N)	Time of application (minutes)	Number of cycles	Remarks
Front leg	503	1	1	No defects
Rear leg	503	1	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian

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TEST REPORT

357565 / 2

Revision: 0
Date of sample receipt: 10/10/23
Date of test: 11/10/23
Date of issue: 25/10/23
Sample name: LORIA



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test-Front application ANSI-BIFMA X5.1-2017/17(2022)

Type of chair: Type III

Test results:

Leg	Applied load (N)	Time of application (minutes)	Number of cycles	Remarks
Right leg	334	1	1	No defects
Left leg	334	1	1	No defects

Leg	Applied load (N)	Time of application (minutes)	Number of cycles	Remarks
Right leg	503	1	1	No defects
Left leg	503	1	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT

357565 / 3

Revision: 0
Date of sample receipt: 10/10/23
Date of test: 13/10/23
Date of issue: 25/10/23
Sample name: LORIA



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24(2022)

Type of chair: Type III

Seat height: 435 mm

Test results:

Seat load (kg)	Horizontal force (N)	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.1-2017(2022).

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The managing director
Dr. Franco Bulian
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TEST REPORT

357565 / 4

Revision: 0
Date of sample receipt: 10/10/23
Date of test: 16/10/23
Date of issue: 25/10/23
Sample name: LORIA



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10(2022)

Type of chair: Type III

Seat impact test

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop (kg)	Number of drops	Remarks
57	100.000	No defects

Front corner load-ease test - cyclic -off-center

Test results:

Seat load (N)	Number of cycles	Remarks
890	20.000	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.1-2017(2022).

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TEST REPORT

357565 / 5

Revision: 0
Date of sample receipt: 10/10/23
Date of test: 24/10/23
Date of issue: 25/10/23
Sample name: LORIA



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)

Type of chair: Type III

Height of drop: 152 mm above the uncompressed seat surface

Test results:

Bag weight (kg)	Number of drops	Remarks
102	1	No defects
136	1	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.1-2017(2022).

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Report ID: 348843
Date of sample receipt: 16/05/23
Date of issue: 28/06/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: Stool LORIA wood frame

SAMPLE N° 348843

Overall dimensions: 570 x 480 x 990 (h) mm

List of test reports:

1. Stability test ANSI-BIFMA X5.4-2020/21
2. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
3. Footrest Static Load test - Vertical ANSI-BIFMA X5.4-2020/27
4. Footrest durability test ANSI-BIFMA X5.4-2020/28
5. Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7
6. Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14
7. Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13
8. Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9
9. Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5
10. Leg strength test - front application ANSI-BIFMA X5.4-2020/16
11. Leg strength test - side application ANSI-BIFMA X5.4-2020/16
12. Drop test - dynamic ANSI-BIFMA X5.4-2020/15



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SAMPLE N° 348843

Date of issue: 28/06/23
Sample weight: Not determined
Sample name: Stool LORIA wood frame



Side view



Rear view



Bottom view

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TEST REPORT

348843 / 1

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability test ANSI-BIFMA X5.4-2020/21

Clause 21.3

Rear stability for non-tilting units

Seat load:	60 kg	
Minimum force required:	93 N	
Measured force:	> 110 N *	Does not overturn

Clause 21.4

Rear stability for tilting units

Loading discs on the seat /

Clause 21.5

Front Stability for Units Less than 36.3 kg

Seat load:	600 N	
Minimum force required:	20 N	
Measured force:	> 20 N	Does not overturn

Clause 21.6

Front Stability for Units Greater Than or Equal to 36.3 kg

Weight of the unit:	7 kg
Minimum force required:	/ N
Measured force:	/ N

The test results comply with the requirements in clause 21.3.3 and 21.5.4 of ANSI-BIFMA X5.4-2020.

* Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is $\pm 5\%$.
The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.
They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally $k=2$.

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Dr. Franco Bulian

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TEST REPORT

348843 / 2

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 7 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348843 / 3

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Footrest Static Load test - Vertical ANSI-BIFMA X5.4-2020/27

Type of foot rest: fixed

Test results:

Functional load

Force on footrest F1 N	Number of cycles	Time of application	Time of application
445	1	1 m	No defects
890	1	1 m	No defects

Proof load

Force on foot rest N	Number of cycles	Time of application	Remarks
1.334	1	10 s	No defects

The test results comply with the requirements in clause 27.4.2 and 27.5 of ANSI-BIFMA X5.4-2020.

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Dr. Franco Bulian*

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TEST REPORT

348843 / 4

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Footrest durability test ANSI-BIFMA X5.4-2020/28

Test results:

Load on footrest N	Number of cycles	Remarks
890	50.000	No defects

The test results comply with the requirements in clause 28.5 of ANSI-BIFMA X5.4-2020.

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is $\pm 5 N$.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.

They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally $k=2$.

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TEST REPORT

348843 / 5

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 29/05/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7

Backrest height: < 452 mm

Test results:

Horizontal force N	Number of cycles per position	Remarks
334	120.000	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.4-2020.

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Dr. Franco Bulian

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TEST REPORT

348843 / 6

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 12/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

The test results comply with the requirements in clause 14.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348843 / 7

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 20/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13

Test results:

Vertical load N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 13.5 of ANSI-BIFMA X5.4-2020.

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Dr. Franco Bulian*

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TEST REPORT

348843 / 8

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 23/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9

Distance between the armersts: 555 mm

Test results:

Load on arm rest N	Time of application	Direction of load application	Remarks
445	1 m	inwards	No defects
445	1 m	outwards	No defects
667	10 s	inwards	No defects
667	10 s	outwards	No defects

The test results comply with the requirements in clause 9.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT

348843 / 9

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 26/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5

Backrest height: < 452 mm

Test results:

Back load for each seating position N	Time of application	Remarks
667	1 m	No defects
1.112	10 s	No defects

The test results comply with the requirements in clause 5.5 of ANSI-BIFMA X5.4-2020.

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Dr. Franco Bulian
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TEST REPORT

348843 / 10

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 26/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test - front application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 7 kg

Test results:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 m	left	No defects
334	1 m	right	No defects
503	10 s	left	No defects
503	10 s	right	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian

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TEST REPORT

348843 / 11

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 26/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test - side application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 7 kg

Test results:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 m	front	No defects
334	1 m	rear	No defects
503	10 s	front	No defects
503	10 s	rear	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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Dr. Franco Bulian
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TEST REPORT
348843 / 12

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 27/06/23
Date of issue: 28/06/23



Sample name: Stool LORIA wood frame

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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The managing director
Dr. Franco Bulian

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LORIA STOOL WOOD



LORIA STOOL WOOD USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the stool manually or by using tools;
- Check that the stool is completely leant to the floor and the floor does not allow any sliding;
- Do not swing the product while using;
- Do not stand on your feet or your knee on the stool;
- Do not drag the product, while moving it;
- Avoid any contact with head source;

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home
- Waiting areas
- Hospitality/Bar/Restaurants

Report ID: 348842
Date of sample receipt: 16/05/23
Date of issue: 19/06/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: sgabello LORIA telaio metallo

SAMPLE N° 348842

Overall dimensions: 570 x 500 x 980 (h) mm

List of test reports:

1. Stability test ANSI-BIFMA X5.4-2020/21
2. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
3. Footrest Static Load test - Vertical ANSI-BIFMA X5.4-2020/27
4. Footrest durability test ANSI-BIFMA X5.4-2020/28
5. Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7
6. Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14
7. Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5
8. Drop test - dynamic ANSI-BIFMA X5.4-2020/15
9. Leg strength test - front and side application ANSI-BIFMA X5.4-2020/16
10. Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9
11. Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13



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The deputy director
Dr. Paolo Tirelli

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SAMPLE N° 348842

Date of issue: 19/06/23
Sample weight: Not determined
Sample name: sgabello LORIA telaio metallo



Side view



Rear view



Bottom view

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TEST REPORT

348842 / 1

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability test ANSI-BIFMA X5.4-2020/21

Clause 21.3

Rear stability for non-tilting units

Seat load:	60 kg	
Minimum force required:	93 N	
Measured force:	> 120 N *	Does not overturn

Clause 21.4

Rear stability for tilting units

Loading discs on the seat	/
---------------------------	---

Clause 21.5

Front Stability for Units Less than 36.3 kg

Seat load:	600 N	
Minimum force required:	20 N	
Measured force:	> 20 N	Does not overturn

Clause 21.6

Front Stability for Units Greater Than or Equal to 36.3 kg

Weight of the unit:	7 kg
Minimum force required:	/ N
Measured force:	/ N

The test results comply with the requirements in clause 21.3.3 and 21.5.4 of ANSI-BIFMA X5.4-2020.

* Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is $\pm 5\%$.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.

They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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Dr. Paolo Tirelli

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TEST REPORT

348842 / 2

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 7 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 3

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Footrest Static Load test - Vertical ANSI-BIFMA X5.4-2020/27

Type of foot rest: fixed

Test results:

Functional load

Force on footrest F1 N	Number of cycles	Time of application	Remarks
445	1	1 m	No defects
890	1	1 m	No defects

Proof load

Force on foot rest N	Number of cycles	Time of application	Remarks
1.334	1	10 s	No defects

The test results comply with the requirements in clause 27.4.2 and 27.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 4

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 18/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Footrest durability test ANSI-BIFMA X5.4-2020/28

Test results:

Load on footrest N	Number of cycles	Remarks
890	50.000	No defects

The test results comply with the requirements in clause 28.5 of ANSI-BIFMA X5.4-2020.

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is $\pm 5 N$.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016.

They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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TEST REPORT

348842 / 5

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 22/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest durability test - horizontal - cyclic ANSI-BIFMA X5.4-2020/7

Backrest height: < 452 mm

Test results:

Horizontal force N	Number of cycles per position	Remarks
334	120.000	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 6

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 30/05/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seating durability test - cyclic ANSI-BIFMA X5.4-2020/14

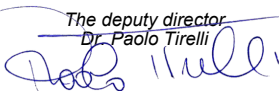
Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

The test results comply with the requirements in clause 14.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 7

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 08/06/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Backrest strength test - horizontal - static ANSI-BIFMA X5.4-2020/5

Backrest height: < 452 mm

Test results:

Back load for each seating position N	Time of application	Remarks
667	1 m	No defects
1.112	10 s	No defects

The test results comply with the requirements in clause 5.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 8

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 08/06/23
Date of issue: 19/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: sgabello LORIA telaio metallo

Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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The deputy director
Dr. Paolo Tirelli

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TEST REPORT

348842 / 9

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 08/06/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Leg strength test - front and side application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 7 kg

Test results:

Front load test:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 m	left	No defects
334	1 m	right	No defects
503	10 s	left	No defects
503	10 s	right	No defects

Side load test:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 m	front	No defects
334	1 m	rear	No defects
503	10 s	front	No defects
503	10 s	rear	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 10

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 09/06/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm strength test - horizontal - static ANSI-BIFMA X5.4-2020/9

Distance between the armersts: 555 mm

Test results:

Load on arm rest N	Time of application	Direction of load application	Remarks
445	1 m	inwards	No defects
445	1 m	outwards	No defects
667	10 s	inwards	No defects
667	10 s	outwards	No defects

The test results comply with the requirements in clause 9.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

348842 / 11

Revision: 0
Date of sample receipt: 16/05/23
Date of test: 14/06/23
Date of issue: 19/06/23



Sample name: sgabello LORIA telaio metallo

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13

Test results:

Vertical load N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 13.5 of ANSI-BIFMA X5.4-2020.

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LORIA STOOL USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the stool manually or by using tools;
- Check that the stool is completely leant to the floor and the floor does not allow any sliding;
- Do not swing the product while using;
- Do not stand on your feet or your knee on the stool;
- Do not drag the product, while moving it;
- Avoid any contact with head source;
- Stackable up to 8 stools.

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home
- Waiting areas
- Hospitality/Bar/Restaurants

Report ID: 350516
Date of sample receipt: 09/06/23
Date of issue: 15/06/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

SAMPLE N° 350516

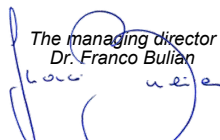
Overall dimensions: 600 x 540 x 800 (h) mm

List of test reports:

1. Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13
2. Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17
3. Leg strength test - front application ANSI-BIFMA X5.4-2020/16
4. Leg strength test - side application ANSI-BIFMA X5.4-2020/16
5. Drop test - dynamic ANSI-BIFMA X5.4-2020/15



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*The managing director
Dr. Franco Bulian*


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SAMPLE N° 350516

Date of issue: 15/06/23
Sample weight: Not determined
Sample name: SEDIA LORIA FUSTO 4G PLASTICA



Side view



Rear view



Bottom view

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TEST REPORT
350516 / 1

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 13/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Arm durability test for single seat units - angular - cyclic ANSI-BIFMA-X5.4-2020/13

Test results:

Vertical load N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 13.5 of ANSI-BIFMA X5.4-2020.

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The managing director
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TEST REPORT

350516 / 2

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 15/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Unit drop test - dynamic ANSI-BIFMA X5.4-2020/17

Weight of the unit: 6 kg

Test results:

Drop height mm	Number of drops per side	Remarks
180	1	No defects

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

350516 / 3

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 15/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Leg strength test - front application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 6 kg

Test results:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 min	left	No defects
334	1 min	right	No defects
503	10 s	left	No defects
503	10 s	right	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

350516 / 4

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 15/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Leg strength test - side application ANSI-BIFMA X5.4-2020/16

Weight of the unit: 6 kg

Test results:

Horizontal force N	Time of application	Leg tested	Remarks
334	1 min	front	No defects
334	1 min	rear	No defects
503	10 s	front	No defects
503	10 s	rear	No defects

The test results comply with the requirements in clause 16.5 of ANSI-BIFMA X5.4-2020.

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TEST REPORT

350516 / 5

Revision: 0
Date of sample receipt: 09/06/23
Date of test: 15/06/23
Date of issue: 15/06/23



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: SEDIA LORIA FUSTO 4G PLASTICA

Drop test - dynamic ANSI-BIFMA X5.4-2020/15

Test results:

Bag weight kg	Drop height mm	Number of cycles per position	Remarks
102	152	1	No defects
136	152	1	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.4-2020.

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Report ID: 352383
Date of sample receipt: 05/07/23
Date of issue: 13/07/23

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA 02 TRESTLE

SAMPLE N° 352383

Overall dimensions: 590 x 550 x 790 (h) mm

List of test reports:

1. Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10



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*The managing director
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SAMPLE N° 352383

Date of issue: 13/07/23
Sample weight: Not determined
Sample name: LORIA 02 TRESTLE



Side view



Rear view



Bottom view

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TEST REPORT

352383 / 1

Revision: 0
Date of sample receipt: 05/07/23
Date of test: 11/07/23
Date of issue: 13/07/23



Sample name: LORIA 02 TRESTLE

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm strength test - vertical - static ANSI-BIFMA X5.4-2020/10

Armrest height from the floor: 650 mm

Armrest width: ≤ 75 mm

Test results:

Load on armrest N	Time of load application	Remarks
750	1 m	No defects
1125	10 s	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.4-2020.

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LORIA TRESTLE USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the stool manually or by using tools;
- Check that the stool is completely leant to the floor and the floor does not allow any sliding;
- Do not swing the product while using;
- Do not stand on your feet or your knee on the stool;
- Do not drag the product, while moving it;
- Avoid any contact with head source;

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home
- Waiting areas
- Hospitality/Bar/Restaurants

Declaration of conformity

n° 13266 / 2022

According to the results of the following tests:

EN 16139 test report n. 340526- 1/2022
EN 16139 test report n. 340526- 2/2022
EN 1728 test report n. 340526- 3/2022
EN 1728 test report n. 340526- 4/2022
EN 1728 test report n. 340526- 5/2022
EN 1728 test report n. 340526- 6/2022
EN 1728 test report n. 340526- 7/2022
EN 1728 test report n. 340526- 8/2022
EN 1728 test report n. 340526- 9/2022
EN 1728 test report n. 340526-10/2022
EN 1728 test report n. 340526-11/2022
EN 1728 test report n. 340526-12/2022
EN 1728 test report n. 340526-13/2022
EN 1728 test report n. 340526-14/2022
EN 1022 test report n. 340526-15/2022



we hereby testify that

LORIA chair - 4 legs plastic chair

of company

CERANTOLA S.P.A. - VIA GIORGIONE 2-ZONA IND.LE - 31037 RAMON DI LORIA (TV)ITALIA

**complies with the strength, durability and safety requirements
of 1st level of EN 16139:2013+AC2013**

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The managing director
Dr. Franco Bulian

December 27th, 2022

Report ID: 340526
Date of sample receipt: 07/12/22
Date of issue: 27/12/22

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

SAMPLE N° 340526

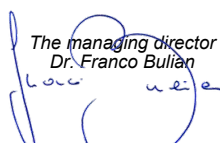
Overall dimensions: 580 x 530 x 800 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Information for use EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Vertical load on back rest EN 1728:2012+AC:2013
5. Arm downwards static load test EN1728:2012+AC:2013
6. Arm sideways static load test EN 1728:2012+AC:2013
7. Seat and back fatigue test EN 1728:2012+AC:2013
8. Seat front edge durability test EN 1728:2012+AC:2013
9. Arm fatigue test EN 1728:2012+AC:2013
10. Leg forward static load test EN 1728:2012+AC:2013
11. Leg sideways static load test EN 1728:2012+AC:2013
12. Seat impact test EN 1728:2012+AC:2013
13. Back impact test EN 1728:2012+AC:2013
14. Arm rest impact test EN 1728:2012+AC:2013
15. Stability - EN 1022:2005
16. Stability EN 1022:2018, clause 7.3



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SAMPLE N° 340526

Date of issue: 27/12/22
Sample weight: Not determined
Sample name: LORIA chair - 4 legs plastic chair



Side view



Rear view



Bottom view

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TEST REPORT

340526 / 1

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 07/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present No

Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013: **YES**

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TEST REPORT

340526 / 2

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 22/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	English language
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013:	YES
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TEST REPORT

340526 / 3

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

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, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
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TEST REPORT

340526 / 4

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 5

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm downwards static load test clause 6.11, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 6

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm sideways static load test clause 6.10, EN 1728:2012+AC:2013

Test results:

Horizontal force N	Number of applications	Remarks
400	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 7

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 09/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 8

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 16/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front and sides edges	800	50.000	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 9

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 19/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm fatigue test clause 6.20, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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The managing director
Dr. Franco Bulian
(Handwritten signature)

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TEST REPORT
340526 / 10

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 21/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

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

Test performed according to EN 16139:2013+AC:2013

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 11

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 21/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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*The managing director
Dr. Franco Bulian*

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TEST REPORT
340526 / 12

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 22/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 13

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 14

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Sample name: LORIA chair - 4 legs plastic chair

Arm rest impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm rest impact test clause 6.26, EN 1728:2012+AC:2013

Test results:

Angle	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

340526 / 15

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 161 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 161 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 : /

The test result complies with the requirements of EN 1022:2005

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TEST REPORT

340526 / 16

Revision: 0
Date of sample receipt: 07/12/22
Date of test: 27/12/22
Date of issue: 27/12/22



Sample name: LORIA chair - 4 legs plastic chair

CERANTOLA S.P.A.
VIA GIORGIONE 2-ZONA IND.LE
31037 RAMON DI LORIA (TV)
ITALIA

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn
Forwards overturning for seating with foot rest, clause 7.3.2 : /
Corner stability, clause 7.3.3 : /

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : /
Seating with arm rests, clause 7.3.5.2 : does not overturn
Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6
Minimum force required: 161 N : does not overturn

Tilting seating, clause 7.4.2 : /
Reclining seating with leg rest, clause 7.4.3 : /
Reclining seating without leg rest, clause 7.4.4 : /
Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

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ISTRUZIONI D'USO SEDIA LORIA BRACCIOLI + FUSTO PLASTICA

Al fine di garantire la stabilità e la durata nel tempo dell'articolo, si consiglia di:

- Prima dell'uso assicurarsi che l'articolo sia assemblato correttamente.
- Non rimuovere alcun componente della sedia manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato con la base della struttura appoggiata al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- Non sedersi sulla spalliera o sui braccioli.
- Non salire con i piedi e/o con le ginocchia sulla sedia.
- Per spostare l'articolo, evitare il trascinamento.
- Evitare il contatto con fonti di calore.
- Sedia non impilabile.

CONSIGLI DI MANUTENZIONE

- I liquidi rovesciati devono essere assorbiti immediatamente con un panno pulito ed asciutto.
- Per le parti in plastica e verniciate utilizzare sapone neutro.
- EVITARE TASSATIVAMENTE l'uso di solventi o di detergenti chimici, poiché potrebbero alterare le caratteristiche estetiche e fisiche dell'articolo.

USO PREVISTO

- Seduta per casa/ufficio
- Seduta per comunità/scuole
- Seduta per ristorazione

LORIA ARMCHAIR + PLASTIC FRAME USE INSTRUCTIONS

In order to guarantee the product solidity and duration, we suggest to:

- Before use make sure of the product's correct assembly;
- Do not remove any components from the chair manually or by using tools;
- Check that the frame is completely leant to the floor and the floor does not allow any sliding of the chair;
- Do not swing the chair while using;
- Do not sit on the backrest or arms;
- Do not stand on your feet or your knee on the chair;
- Do not drag the chair, while moving it;
- Avoid any contact with head source;
- Not stackable chair.

MAINTENANCE ADVICES

- In case of liquid reversal on the chair surface clear immediately by using a clean and dry cloth;
- To clean the plastic use only neutral soap;
- Avoid mandatory the use of chemical solvent or detergent because they might alter the esthetical and physical characteristics of the product.

EXPECTED USE

- Home/Office
- Schools
- Hospitality/Restaurants

Imposta di bollo
assolta



Ministero dell'Interno

DIPARTIMENTO DEI VIGILI DEL FUOCO DEL SOCCORSO PUBBLICO E DELLA DIFESA CIVILE
DIREZIONE CENTRALE PER LA PREVENZIONE E LA SICUREZZA TECNICA
CENTRO STUDI ED ESPERIENZE

VISTO il Decreto Ministeriale 26 giugno 1984 concernente "Classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi";

VISTI il Decreto Ministeriale 3 Settembre 2001, recante "Modifiche ed integrazioni al Decreto 26 giugno 1984 concernente classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi" e il Decreto Ministeriale 28 maggio 2002 recante rettifiche al decreto medesimo;

VISTA la circolare del Ministero dell'Interno n. 17 MI (SA) del 16 aprile 1987 concernente "Omologazioni ed estensioni delle omologazioni per i materiali omogenei prodotti in spessori e colori variabili";

VISTA la circolare n. 7 del 18 giugno 2004 recante "DD.MM. 26/06/1984 e 03/09/2001 Omologazione di mobili fissati, e non, agli elementi strutturali, realizzati con più materiali omogenei";

VISTO il certificato di omologazione rilasciato dal Ministero dell'Interno in data 17/07/2008 alla ditta CERANTOLA S.P.A. sita in Via Giorgione, 2 – 31037 RAMON DI LORIA (TV), concernente la serie denominata "SERIE DREAM" (codice di omologazione: TV2689D30D100003);

VISTA l'istanza presentata dalla predetta ditta CERANTOLA S.P.A. di RAMON DI LORIA (TV), per ottenere l'estensione dell'omologazione di cui al comma precedente alla serie di propria produzione denominato "SERIE LORIA";

VISTI i disegni della serie denominata "SERIE LORIA"

SI ESTENDE

la validità dell'omologazione relativa al certificato di cui in premessa alla serie denominata "SERIE LORIA" prodotta dalla ditta CERANTOLA S.P.A. di RAMON DI LORIA (TV), cui viene assegnato il numero di codice TV2689D30D100003E10, ai soli fini della prevenzione incendi, nella CLASSE di REAZIONE al FUOCO 1 (UNO) e se ne AUTORIZZA la riproduzione, ai sensi dei decreti ministeriali 26 giugno 1984 e 3 settembre 2001 conformemente ai disegni citati in premessa e condizionatamente alla stretta osservanza di quanto contenuto nella dichiarazione d'impegno redatta dal legale rappresentante della ditta CERANTOLA S.P.A. di RAMON DI LORIA (TV), circa la esclusiva utilizzazione di materiali aventi tutte le caratteristiche, apparenti e non apparenti, identiche a quelle dei materiali impiegati nella produzione della serie denominata "SERIE DREAM" citata in premessa.

Sul marchio o sulla dichiarazione di conformità, da allegarsi ad ogni tipo di fornitura del serie oggetto della presente omologazione, dovranno essere riportati:

- NOME DEL PRODUTTORE: Ditta CERANTOLA S.P.A. (o altro segno distintivo);
- ANNO DI PRODUZIONE (da indicarsi);
- CLASSE DI REAZIONE AL FUOCO: 1 (UNO);
- CODICE: TV2689D30D100003E10;
- IMPIEGO: MOBILE (SEDIA);
- MANUTENZIONE: METODO "D" COME DA UNI 9176 (1998).

Si richiamano tutti gli obblighi di legge spettanti al produttore e a tutti i soggetti comunque interessati, a norma del Codice Civile, del Codice Penale e dei decreti ministeriali 26 giugno 1984 e 3 settembre 2001.

Il presente atto, ad eccezione dei casi di decadenza e revoca dell' omologazione previsti dall'art.9, punti 2 e 3, del D.M. 26/06/84, ha validità di 5 anni dalla data di rilascio ed è rinnovabile alla sua scadenza.

Roma, data del protocollo

AG/MNB

IL DIRETTORE CENTRALE
(Mannino)

Firmato in forma digitale ai sensi di legge



Fasc. 3807 sott.3153