

Declaration of conformity

n° 12984 / 2021

According to the results of the following tests:

EN 16139 test report n. 320071- 1/2021
EN 16139 test report n. 320071- 2/2021
EN 1728 test report n. 320071- 3/2021
EN 1728 test report n. 320071- 4/2021
EN 1728 test report n. 320071- 5/2021
EN 1728 test report n. 320071- 6/2021
EN 1728 test report n. 320071- 7/2021
EN 1728 test report n. 320071- 8/2021
EN 1728 test report n. 320071- 9/2021
EN 1022 test report n. 320071-10/2021

we hereby testify that



TORRE stool

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**

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The managing director
Dr. Franco Bulian

December 17th, 2021

Date of receipt: 16/11/21
Date of issue: 17/12/21
Report consists of 11 test reports.
Defects before testing: None
Sample name: TORRE stool

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

SAMPLE N° 320071

Overall dimensions: 380 x 380 x 460 (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. Seat and back fatigue test EN 1728:2012+AC:2013
5. Seat front edge durability test EN 1728:2012+AC:2013
6. Leg forward static load test EN 1728:2012+AC:2013
7. Leg sideways static load test EN 1728:2012+AC:2013
8. Seat impact test EN 1728:2012+AC:2013
9. Back impact test EN 1728:2012+AC:2013
10. Stability - EN 1022:2005
11. Stability EN 1022:2018, clause 7.3



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*The managing director
Dr. Franco Bulian*

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SAMPLE N° 320071

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



Side view



Bottom view

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TEST REPORT

320071 / 1

Revision: 0
Date of receipt: 16/11/21
Date of test: 19/11/21
Date of issue: 17/12/21



Sample name: TORRE stool

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

320071 / 2

Revision: 0
Date of receipt: 16/11/21
Date of test: 17/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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	Italian 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

320071 / 3

Revision: 0
Date of receipt: 16/11/21
Date of test: 19/11/21
Date of issue: 17/12/21



Sample name: TORRE stool

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	/	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

320071 / 4

Revision: 0
Date of receipt: 16/11/21
Date of test: 29/11/21
Date of issue: 17/12/21



Sample name: TORRE stool

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	/	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

320071 / 5

Revision: 0
Date of receipt: 16/11/21
Date of test: 09/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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
See note	800	50.000	No defects

Note:

Due to the small size of the seat, the test was carried out applying the force at one point, on the longitudinal axis at 100 mm from the edge of the seat, for a total of 100.000 cycles.

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

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TEST REPORT

320071 / 6

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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
340	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 500 N to 340 N, to avoid tipping.

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

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TEST REPORT

320071 / 7

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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
280	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 400 N to 280 N, to avoid tipping.

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

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TEST REPORT

320071 / 8

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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

320071 / 9

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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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TEST REPORT
320071 / 10

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : /

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

320071 / 11

Revision: 0
Date of receipt: 16/11/21
Date of test: 16/12/21
Date of issue: 17/12/21



Sample name: TORRE stool

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: / : /
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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TORRE 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

ISTRUZIONI D'USO SGABELLO TORRE

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 dello sgabello manualmente o tramite l'utilizzo di utensili.
- Verificare che il prodotto venga utilizzato appoggiato al pavimento e che lo stesso non consenta scivolamento.
- Non fare oscillare il prodotto durante l'utilizzo.
- 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.
- Si possono impilare fino a 8 sgabelli.

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
- Seduta per sale attesa
- Seduta per ristorazione