

Date received: 14/11/19

Date of issue: 02/01/20

Report consists of 11 test reports.

Defects before testing: None

Sample name: PIAZZA barstool

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

SAMPLE N° 281500

Overall dimensions: 410 x 480 x 1060 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
3. Seat and back static load test EN 1728:2012+AC:2013
4. Foot rest static load test 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. Foot rest durability test EN 1728:2012+AC:2013
8. Leg forward static load test EN 1728:2012+AC:2013
9. Leg sideways static load test EN 1728:2012+AC:2013
10. Seat impact test EN 1728:2012+AC:2013
11. Back impact test EN 1728:2012+AC:2013



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*Managing Director
Dr. Andrea Giavon*

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SAMPLE N° 281500

Date of issue: 02/01/20
Sample weight: Not determined
Sample name: PIAZZA barstool



Side view



Rear view



Bottom view

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TEST REPORT

281500 / 1

Revision: 0
Date received: 14/11/19
Date of test: 19/11/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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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Managing Director
Dr. Andrea Giamon

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TEST REPORT

281500 / 3

Revision: 0
Date received: 14/11/19
Date of test: 21/11/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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
1.800	410	10	No defects

Note:

In order to avoid tipping, the applied back force according to clause 6.2.1 of EN 1728:2012+AC:2013, has been reduced from 560 N to 410 N and the seat force has been increased from 1600 N to 1800 N. The minimum back force required is 410 N.

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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 4

Revision: 0
Date received: 14/11/19
Date of test: 22/11/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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

Foot rest static load test EN 1728:2012+AC:2013

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

Foot rest static load test, clause 6.8, EN 1728:2012+AC:2013

Test results:

Force on foot rest N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 5

Revision: 0
Date received: 14/11/19
Date of test: 02/12/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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	230	100.000	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 300 N to 230 N to avoid tipping.

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 6

Revision: 0
Date received: 14/11/19
Date of test: 16/12/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 7

Revision: 0
Date received: 14/11/19
Date of test: 30/12/19
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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

Foot rest durability test EN 1728:2012+AC:2013

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

Foot rest durability test clause 6.21, EN 1728:2012+AC:2013

Test results:

Force on footrest N	Number of cycles	Remarks
1.000	50.000	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 8

Revision: 0
Date received: 14/11/19
Date of test: 02/01/20
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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
250	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 500 N to 250 N, to avoid tipping.

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 9

Revision: 0
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Date of issue: 02/01/20



Sample name: PIAZZA barstool

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
150	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 400 N to 150 N, to avoid tipping.

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 10

Revision: 0
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Date of test: 02/01/20
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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	point A	10	No defects
25	240	100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

281500 / 11

Revision: 0
Date received: 14/11/19
Date of test: 02/01/20
Date of issue: 02/01/20



Sample name: PIAZZA barstool

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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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