

Date received: 05/12/19

Date of issue: 22/01/20

Report consists of 6 test reports.

Defects before testing: None

Sample name: TORRE CHAIR

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

SAMPLE N° 282652

Overall dimensions: 450 x 390 x 800 (h) mm

List of test reports:

1. Seat and back fatigue test EN 1728:2012+AC:2013
2. Seat front edge durability test EN 1728:2012+AC:2013
3. Leg forward static load test EN 1728:2012+AC:2013
4. Leg sideways static load test EN 1728:2012+AC:2013
5. Seat impact test EN 1728:2012+AC:2013
6. Back impact test EN 1728:2012+AC:2013



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*Managing Director
Dr. Andrea Giavon*

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SAMPLE N° 282652

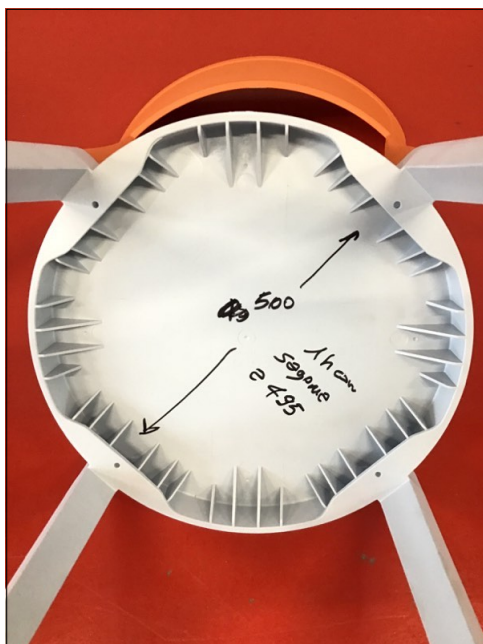
Date of issue: 22/01/20
Sample weight: Not determined
Sample name: TORRE CHAIR



Side view



Rear view



Bottom view

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TEST REPORT

282652 / 1

Revision: 0
Date received: 05/12/19
Date of test: 12/12/19
Date of issue: 22/01/20



Sample name: TORRE 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	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

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Revision: 0
Date received: 05/12/19
Date of test: 07/01/20
Date of issue: 22/01/20



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

Due to the small size of the seat, the seat forces were applied with the local loading pad Ø 100 mm (clause 5.7 of EN 1728:2012+AC:2013).

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Managing Director
Dr. Andrea Giayon

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TEST REPORT

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Revision: 0
Date received: 05/12/19
Date of test: 20/01/20
Date of issue: 22/01/20



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

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TEST REPORT

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Revision: 0
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Date of issue: 22/01/20



Sample name: TORRE 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
340	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 400 N to 340 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

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Revision: 0
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Sample name: TORRE 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	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

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Revision: 0
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Sample name: TORRE CHAIR

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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