

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

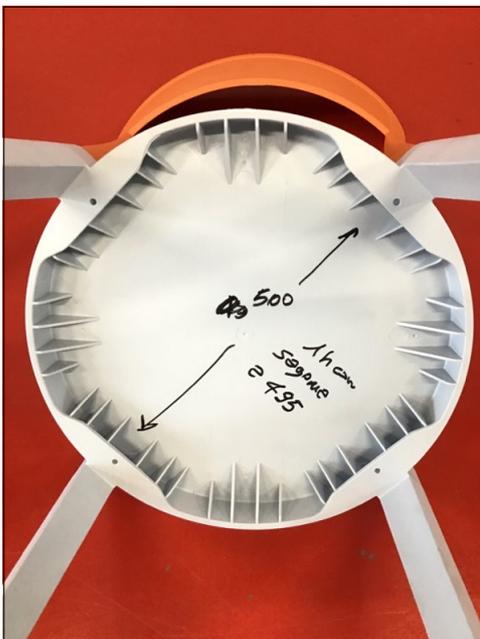
Date of issue: 22/01/20  
Sample weight: Not determined  
Sample name: TORRE CHAIR



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**

**282652 / 2**

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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**TEST REPORT**

**282652 / 3**

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**

**282652 / 4**

Revision: 0  
Date received: 05/12/19  
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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**

**282652 / 5**

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

**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**

**282652 / 6**

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

**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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