

Date received: 26/04/16

Date of issue: 22/06/16

Report consists of 9 test reports.

Defects before testing: None

Sample name: Chee bar stool

**SAMPLE N° 213030**

Overall dimensions: 520 x 570 x 960 (h) mm

**List performed tests:**

1. Seat and back static load test EN 1728:2012+AC:2013
2. Seat and back fatigue test EN 1728:2012+AC:2013
3. Arm downwards static load test EN1728:2012+AC:2013
4. Arm fatigue test EN 1728:2012+AC:2013
5. Leg forward static load test EN 1728:2012+AC:2013
6. Leg sideways static load test EN 1728:2012+AC:2013
7. Seat impact test EN 1728:2012+AC:2013
8. Foot rest static load test EN 1728:2012+AC:2013
9. Stability - EN 1022:2005



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Managing Director  
Dr. Andrea Giavon

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**SAMPLE N° 213030**

Date of issue: 22/06/16  
Sample weight: Not determined  
Sample name: Chee bar stool



Side view



Rear view



Bottom view

## TEST REPORT

### 213030 / 1

Date received: 26/04/16  
Date of test: 31/05/16  
Date of issue: 22/06/16



Sample name: Chee bar stool

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

Seat and back static load test, clause 6.4

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	560	10 x 10 s	No defects
2.000	560	1 x 30 min	No defects

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.300	10 x 10 s	No defects
1.300	1 x 30 min	No defects

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 2**

Date received: 26/04/16

Date of test: 07/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

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

Seat and back fatigue test, clause 6.17

Test results:


Seat force N	Back force N	Number of cycles	Remarks
1.000	240	50.000	No defects

Note:

According to EN 1728:2012, back force has been reduced from 333 N to 240 N to avoid tipping.

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 3**

Date received: 26/04/16

Date of test: 15/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

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

Arm downwards static load test clause 6.11


Test results:

Vertical force N	Number of applications	Remarks
700	5	No defects

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 4**

Date received: 26/04/16

Date of test: 15/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

**Arm fatigue test EN 1728:2012+AC:2013**

Arm fatigue test clause 6.20

Test results:

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

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 5**

Date received: 26/04/16

Date of test: 21/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

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

Leg forward static load test clause 6.15


Test results:

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

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 6**

Date received: 26/04/16

Date of test: 21/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

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

Leg sideways static load test clause 6.16

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, horizontal force has been reduced from 300 N to 280 N, to avoid tipping.

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 7**

Date received: 26/04/16

Date of test: 21/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

**Seat impact test EN 1728:2012+AC:2013**

Seat impact test clause 6.24

Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	240	10	No defects

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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**TEST REPORT****213030 / 8**

Date received: 26/04/16

Date of test: 21/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

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

Foot rest static load test, clause 6.8


Test results:

Force on foot rest N	Number of cycles	Remarks
1.200	10	No defects

Note:

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**TEST REPORT****213030 / 9**

Date received: 26/04/16

Date of test: 21/06/16

Date of issue: 22/06/16

Sample name: Chee bar stool

**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 81 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 81 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 : 20 N does not overturn

Test passed

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