

Report ID: 370501  
Date of sample receipt: 10/05/24  
Date of issue: 27/05/24

ZEITRAUM GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

Sample name: AEON Bar

## SAMPLE N° 370501

Overall dimensions: 440 x 490 x 1050 (h) mm

### List of test reports:

1. Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013
2. Foot rest static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Foot rest durability test EN 1728:2012+AC:2013



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*The deputy director  
Dr. Daniele Bergamasco*

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## SAMPLE N° 370501

Date of issue: 27/05/24  
Sample weight: Not determined  
Sample name: AEON Bar



Side view



Rear view



Bottom view

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**TEST REPORT**

**370501 / 1**

Revision: 0  
Date of sample receipt: 10/05/24  
Date of test: 14/05/24  
Date of issue: 27/05/24



Sample name: AEON Bar

ZEITRAUM GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

**Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013**

Test performed according to the test method EN 1728:2012+AC:2013, clauses 6.4 and 6.5 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

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	420	10	No defects

**Note:**

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 420 N to avoid tipping.

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

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

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**TEST REPORT**

**370501 / 2**

Revision: 0  
Date of sample receipt: 10/05/24  
Date of test: 15/05/24  
Date of issue: 27/05/24  
Sample name: AEON Bar



ZEITRAUM GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

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

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.8 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

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

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

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**TEST REPORT**

**370501 / 3**

Revision: 0  
Date of sample receipt: 10/05/24  
Date of test: 16/05/24  
Date of issue: 27/05/24



Sample name: AEON Bar

ZEITRAUM GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

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

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.17 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.000	270	100.000	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 300 N to 270 N to avoid tipping.

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

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**TEST REPORT**

**370501 / 4**

Revision: 0  
Date of sample receipt: 10/05/24  
Date of test: 24/05/24  
Date of issue: 27/05/24



Sample name: AEON Bar

ZEITRAUM GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

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

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.8 and in accordance to the test parameters of EN 16139:2013+AC:2013, table 1

Test results:

Force on foot rest N	Number of cycles	Remarks
1.000	50.000	No defects

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

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