

Date received: 27/02/18

Date of issue: 04/04/18

Report consists of 4 test reports.

Defects before testing: None

Sample name: ZENSO Bar

ZEITRAUM GMBH
AEUSSERE MUENCHNER STRASSE 2
82515 WOLFRATSHAUSEN ()
DE - GERMANY

SAMPLE N° 247515

Overall dimensions: 410 x 470 x 900 (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. Leg forward static load test EN 1728:2012+AC:2013
4. Leg sideways static load test EN 1728:2012+AC:2013



This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

SAMPLE N° 247515

Date of issue: 04/04/18
Sample weight: Not determined
Sample name: ZENSO Bar



Side view



Rear view



Bottom view

TEST REPORT

247515 / 1

Date received: 27/02/18

Date of test: 19/03/18

Date of issue: 04/04/18

Sample name: ZENSO Bar



ZEITRAUM GMBH
AEUSSERE MUENCHNER STRASSE 2
82515 WOLFRATSHAUSEN
DE - GERMANY

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
1.600	560	10	No defects

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

TEST REPORT

247515 / 2

Date received: 27/02/18

Date of test: 21/03/18

Date of issue: 04/04/18

Sample name: ZENSO Bar



ZEITRAUM GMBH
AEUSSERE MUENCHNER STRASSE 2
82515 WOLFRATSHAUSEN
DE - GERMANY

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	300	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.


Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

TEST REPORT

247515 / 3

Date received: 27/02/18

Date of test: 29/03/18

Date of issue: 04/04/18

Sample name: ZENSO Bar



ZEITRAUM GMBH
AEUSSERE MUENCHNER STRASSE 2
82515 WOLFRATSHAUSEN
DE - GERMANY

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
320	1.000	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 500 N to 320 N, to avoid tipping.

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

TEST REPORT

247515 / 4

Date received: 27/02/18

Date of test: 29/03/18

Date of issue: 04/04/18

Sample name: ZENSO Bar



ZEITRAUM GMBH
AEUSSERE MUENCHNER STRASSE 2
82515 WOLFRATSHAUSEN
DE - GERMANY

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
180	1.000	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 400 N to 180 N, to avoid tipping.

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.