

Date received: 26/11/15

Date of issue: 18/12/15

Report consists of 4 test reports.

Defects before testing: None

Sample name: MORPH Largo

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

## SAMPLE N° 205521

Overall dimensions: 520 x 560 x 790 (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



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Managing Director  
Dr. Andrea Glavon

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° 205521

Date of issue: 18/12/15  
Sample weight: Not determined  
Sample name: MORPH Largo



Side view



Rear view



Bottom view

## TEST REPORT

**205521 / 1**

Date received: 26/11/15

Date of test: 01/12/15

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## 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	800	10	No defects

Note:

The applied force on back rest according to clause 6.2.1 of EN 1728:2012

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.600	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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*Managing Director*  
*Dr. Andrea Giavon*

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## TEST REPORT

**205521 / 2**

Date received: 26/11/15

Date of test: 03/12/15

Date of issue: 18/12/15

Sample name: MORPH Largo



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	360	200.000	No defects

Note:

The applied force on back rest according to clause 6.2.1 of EN 1728:2012

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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**TEST REPORT**

**205521 / 3**

Date received: 26/11/15

Date of test: 17/12/15

Date of issue: 18/12/15

Sample name: MORPH Largo



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**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
620	1.800	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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*Dr. Andrea Giavon*

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## TEST REPORT

**205521 / 4**

Date received: 26/11/15

Date of test: 17/12/15

Date of issue: 18/12/15



Sample name: MORPH Largo

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## 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
560	1.800	10	No defects

### Note:

According to EN 1728:2012, horizontal force has been reduced from 760 N to 560 N, to avoid tipping.

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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