

Date received: 15-04-13

Date of issue: 14-05-13

Report consists of 3 test reports.

Defects before testing: None

Sample name: 1.3 BAR

ZEITRAUM OEKOLIGISCHE MOEBEL &  
EINRICHTUNGEN GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN ()  
DE - GERMANY

## SAMPLE N° 157578

Overall dimensions: 370 x 370 x 810 (h) mm

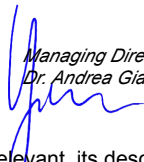
### List performed tests:

1. Seat and back static load test EN 1728:2012
2. Seat and back fatigue test EN 1728:2012
3. Stability - EN 1022:2005



*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° 157578

Date of issue: 14-05-13  
Sample weight: Not determined  
Sample name: 1.3 BAR



Side view



Bottom view

## TEST REPORT

# 157578 / 1

Date received: 15-04-13  
Date of test: 18-04-13  
Date of issue: 14-05-13  
Sample name: 1.3 BAR



ZEITRAUM OEKOLIGISCHE MOEBEL &  
EINRICHTUNGEN GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

## Seat and back static load test EN 1728:2012

### Seat and back static load test, clause 6.4

#### Test results:

Seat load N	Horizontal force applied on the seat N	Number of cycles	Remarks
2.000	450	10	No defects

#### Note:

According to EN 1728:2012, back force has been reduced from 700 N to 450 N to avoid tipping.

### 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.

*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*

TEST REPORT

157578 / 2

Date received: 15-04-13  
Date of test: 24-04-13  
Date of issue: 14-05-13  
Sample name: 1.3 BAR



ZEITRAUM OEKOLIGISCHE MOEBEL &  
EINRICHTUNGEN GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

**Seat and back fatigue test EN 1728:2012**

Seat and back fatigue test, clause 6.17

Test results:

Seat force N	Horizontal force applied on the seat N	Number of cycles	Remarks
1.000	230	200.000	No defects

Note:

According to EN 1728:2012, back force has been reduced from 300 N to 230 N to avoid tipping.

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

*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*

TEST REPORT

157578 / 3

Date received: 15-04-13  
Date of test: 13-05-13  
Date of issue: 14-05-13  
Sample name: 1.3 BAR



ZEITRAUM OEKOLIGISCHE MOEBEL &  
EINRICHTUNGEN GMBH  
AEUSSERE MUENCHNER STRASSE 2  
82515 WOLFRATSHAUSEN  
DE - GERMANY

**Stability - EN 1022:2005**

Type of chair: fixed geometry

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : /

**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

*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