

Date received: 04/06/20

Date of issue: 18/06/20

Report consists of 4 test reports.

Defects before testing: None

Sample name: PADDLE chair

CRUSO  
CHEMIN DU GRAND BOIS, 11  
1380 LASNE  
BE – BELGIUM

## SAMPLE N° 291189

Overall dimensions: 450 x 460 x 810 (h) mm

### List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Seat and back static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Stability EN 1022:2018, clause 7.3



*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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

## SAMPLE N° 291189

Date of issue: 18/06/20  
Sample weight: Not determined  
Sample name: PADDLE chair



Side view



Rear view



Bottom view

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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**  
**291189 / 1**

Revision: 0  
Date received: 04/06/20  
Date of test: 10/06/20  
Date of issue: 18/06/20



Sample name: PADDLE chair

CRUSO  
CHEMIN DU GRAND BOIS, 11  
1380 LASNE  
BE - BELGIUM

**Safety requirements EN 16139:2013+AC:2013**

**Safety requirements clause 4**

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not be possible for any load bearing part of the seating to come loose unintentionally	No
Parts which are lubricated: • All the parts which are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$ : • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use and during normal movements and actions	Mechanism not present  No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013:	YES

*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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

## TEST REPORT

# 291189 / 2

Revision: 0  
Date received: 04/06/20  
Date of test: 10/06/20  
Date of issue: 18/06/20



Sample name: PADDLE chair

CRUSO  
CHEMIN DU GRAND BOIS, 11  
1380 LASNE  
BE - BELGIUM

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

### Test performed according to EN 16139:2013+AC:2013

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	500	10	No defects

#### Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 500 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

#### Note:

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

*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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

# TEST REPORT

## 291189 / 3

Revision: 0  
Date received: 04/06/20  
Date of test: 11/06/20  
Date of issue: 18/06/20



Sample name: PADDLE chair

CRUSO  
CHEMIN DU GRAND BOIS, 11  
1380 LASNE  
BE - BELGIUM

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

### Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

### Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

### Note:

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

*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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

## TEST REPORT

**291189 / 4**

Revision: 0  
Date received: 04/06/20  
Date of test: 09/06/20  
Date of issue: 18/06/20



Sample name: PADDLE chair

CRUSO  
CHEMIN DU GRAND BOIS, 11  
1380 LASNE  
BE - BELGIUM

## Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

### Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : does not overturn

### Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : does not overturn

Seating with arm rests, clause 7.3.5.2 : /

Seating with raised side edges, clause 7.3.5.3 : /

### Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 157 N : does not overturn

Tilting seating, clause 7.4.2 : /

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

*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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.