

Date received: 13/02/19

Date of issue: 28/03/19

Report consists of 5 test reports.

Defects before testing: None

Sample name: Poltrona COCO

CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

SAMPLE N° 267123

Overall dimensions: 540 x 540 x 760 (h) mm

List performed tests:

1. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6
2. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15
3. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
4. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7
5. Stability test ANSI-BIFMA X5.1-2017/11



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.



CATAS S.p.A.
via Antica, 24/3
33048 San Giovanni al Natisone (UD)
+39 0432 747211 - lab@catas.com
www.catas.com

Testing site:
via Braide Matte, 4
33048 San Giovanni al Natisone (UD)
tel. +39 0432 747211
lab@catas.com

SAMPLE N° 267123

Date of issue: 28/03/19
Sample weight: Not determined
Sample name: Poltrona COCO

TEST REPORT

267123 / 1

Date received: 13/02/19

Date of test: 21/02/19

Date of issue: 28/03/19

Sample name: Poltrona COCO



CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Backrest strength test - Static ANSI-BIFMA X5.1-2017/6


Type of chair: Type III

Test results:

Back load N	Time of application (minutes)	Remarks
667	1	No defects
1.001	1	No defects

The test results comply with the requirements in clause 6.5 of ANSI-BIFMA X5.1-2017

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 Glavon

TEST REPORT

267123 / 2

Date received: 13/02/19

Date of test: 22/02/19

Date of issue: 28/03/19

Sample name: Poltrona COCO



CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15

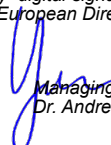
Type of chair: Type III

Test results:

Number of cycles	Seat load kg	Force application points on the backrest	Backrest force N	Remarks
80.000	109	Center of the backrest	334	No defects
20.000	109	102 mm right from the center	334	No defects
20.000	109	102 mm left from the center	334	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.1-2017

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

267123 / 3

Date received: 13/02/19

Date of test: 04/03/19

Date of issue: 28/03/19

Sample name: Poltrona COCO



CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10

Type of chair: Type III

Seat impact test

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

Front corner load-ease test - cyclic -off-center

Test results:

Seat load N	Number of cycles	Remarks
890	20.000	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.1-2017

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

267123 / 4

Date received: 13/02/19

Date of test: 25/03/19

Date of issue: 28/03/19

Sample name: Poltrona COCO



CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7

Type of chair: Type III

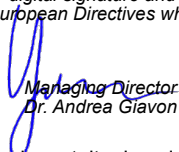
Height of drop: 152 mm above the uncompressed seat surface

Test results:

Bag weight kg	Number of drops	Remarks
102	1	No defects
136	1	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.1-2017

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

267123 / 5

Date received: 13/02/19
Date of test: 26/03/19
Date of issue: 28/03/19



Sample name: Poltrona COCO

CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Stability test ANSI-BIFMA X5.1-2017/11

Type of chair: Type III
Clause 11.3.1
Rear stability for chair type III

Seat load:	60	kg
Minimum force required :	157	N
Measured force:	200	N

Clause 11.3.2
Rear stability for chair type I and II
Loading discs on the seat: /
Note: /

Clause 11.4
Front stability

Vertical load:	61	kg
Minimum force required:	20	N
Measured force:	> 30	N

The test results comply with the requirements in clause 11.3.1.3 and 11.4.4 of ANSI-BIFMA X5.1-2017

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is ± 2 N.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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