

Date received: 27/04/18

Date of issue: 20/06/18

Report consists of 7 test reports.

Defects before testing: None

Sample name: WHY sedia

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

SAMPLE N° 250539

Overall dimensions: 570 x 530 x 730 (h) mm

List performed tests:

1. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6
2. Stability test ANSI-BIFMA X5.1-2017/11
3. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15
4. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
5. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17
6. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17
7. Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24



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Managing Director
Dr. Andrea Giavon


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SAMPLE N° 250539

Date of issue: 20/06/18
Sample weight: Not determined
Sample name: WHY sedia

TEST REPORT

250539 / 1

Date received: 27/04/18

Date of test: 04/05/18

Date of issue: 20/06/18

Sample name: WHY sedia



CANTARUTTI S.R.L.
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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

Test passed

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Dr. Andrea Giavon

TEST REPORT

250539 / 2

Date received: 27/04/18
Date of test: 04/05/18
Date of issue: 20/06/18
Sample name: WHY sedia



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

Type of chair: Type III

Rear stability for chair type III

Seat load: 60 kg
Minimum force required: 144 N
Measured force: 129 N

Rear stability for chair type I and II

Loading discs on the seat /

Note: /

Front stability

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

Test failed

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TEST REPORT

250539 / 3

Date received: 27/04/18
Date of test: 21/05/18
Date of issue: 20/06/18
Sample name: WHY sedia



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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

Test passed

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TEST REPORT

250539 / 4

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Sample name: WHY sedia



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VIA MAGGIORE 14
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Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10

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

Test passed

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TEST REPORT

250539 / 5

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Leg strength test-Front application ANSI-BIFMA X5.1-2017/17

Test results:

Leg	Applied load N	Load application points mm	Time of application minutes	Remarks
Right leg	334	38 from the bottom and 25 from the edge	1	No defects
Left leg	334	38 from the bottom and 25 from the edge	1	No defects

Leg	Applied load N	Load application points mm	Time of application minutes	Remarks
Right leg	503	38 from the bottom and 25 from the edge	1	No defects
Left leg	503	38 from the bottom and 25 from the edge	1	No defects

Test passed

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TEST REPORT

250539 / 6

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Leg strength test- Side application ANSI-BIFMA X5.1-2017/17

Test results:

Leg	Applied load N	Load application points mm	Time of application minutes	Remarks
Front leg	334	38 from the bottom and 25 from the edge	1	No defects
Rear leg	334	38 from the bottom and 25 from the edge	1	No defects

Leg	Applied load N	Load application points mm	Time of application minutes	Remarks
Front leg	503	38 from the bottom and 25 from the edge	1	No defects
Rear leg	503	38 from the bottom and 25 from the edge	1	No defects

Test passed

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TEST REPORT

250539 / 7

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ITALIA

Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

Test passed

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*Managing Director
Dr. Andrea Gravan*

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