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

Report ID:	346575
Date of sample receipt:	06/04/23
Date of issue:	10/05/23

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Sample name: Code 708 TROPIC sunlounger

SAMPLE N° 346575

Overall dimensions: 720 x 2100 x 940 (h) mm

List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Loungers: seat and back static load test - reclining back rest EN 1728:2012+AC:2013
3. Loungers: additional seat and leg rest static load test EN 1728:2012+AC:2013
4. Loungers. Seat and back fatigue test - reclining back rest EN 1728:2012+AC:2013
5. Loungers: additional seat durability test EN 1728:2012+AC:2013
6. Loungers: durability test on back rest mechanism EN 1728:2012+AC:2013
7. Loungers: seat impact test EN 1728:2012+AC:2013
8. Loungers. Stability EN 581-2:2015+AC:2016

This document is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

SAMPLE N° 346575

Date of issue: 10/05/23
Sample weight: Not determined
Sample name: Code 708 TROPIC sunlounger

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 1

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	13/04/23
Date of issue:	10/05/23

Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Outdoor furniture - General safety requirements EN 581-1:2017

5.1 General:

Requirement	Observed	Remarks
Edges of seat, back rest and arm rests rounded and chamfered	Yes	None
All other parts: free from burrs, sharp edges and sharp points.	Yes	None
Movable and adjustable parts designed so that injuries and inadvertent operation are avoided	Yes	None
Any load bearing part of forniture not come loose unintentionally	Yes	None
Lubricated parts are protected	Not present	None

5.2 Tubular components:

Requirement	Observed	Remarks
Absence of tubular components with diameter > 7 mm and < 12 mm with a depth > 10 mm.	Yes	None
Tubulars in contact with the floor are closed. Holes in them are allowed as long as they are < 7 mm or > 12 mm	Yes	None

5.3 Shear and squeeze points:

Requirement	Observed	Remarks
Shear and squeeze points that are created only during adjusting and folding away are acceptable if the user has the control of his/her movements.	Not present	None
Absence of shear and squeeze points, created by parts operated by powered mechanism.	Not present	None
Absence of shear and squeeze points, created by loads applied during normal use.	Yes	None

Conformity to requirements of clause 5 of standard EN 581-1:2017:	**YES**

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 2

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	14/04/23
Date of issue:	10/05/23

Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: seat and back static load test - reclining back rest EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Loungers: seat and back static load test clause 8.2, EN 1728:2012+AC:2013

Back rest inclination: 27°

Test results:

Seat load N	Back rest force N	Number of cycles	Time of application	Back rest position	Remarks
2.000	560	5	10 s	vertical	No defects
1.500	1.340	5	10 s	reclined	No defects
1.500	1.340	1	30 min	reclined	No defects

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 3

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	17/04/23
Date of issue:	10/05/23

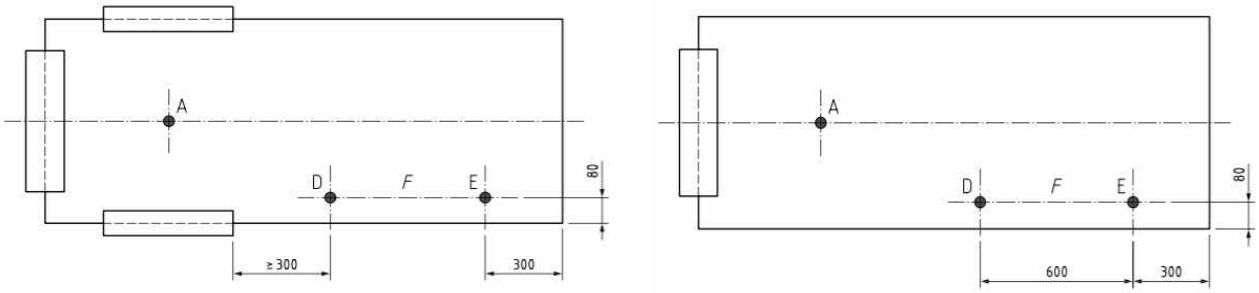
Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: additional seat and leg rest static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Loungers: additional seat and leg rest static load test clause 8.3, EN 1728:2012+AC:2013



Test results:

Foce on point A N	Force between point D and E	Number of cycles	Time of application	Remarks
750	900	10	10 sec	No defects

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 4

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	17/04/23
Date of issue:	10/05/23

Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers. Seat and back fatigue test - reclining back rest EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Loungers: seat and back fatigue test, clause 8.4.1, EN 1728:2012+AC:2013

Back rest inclination: 27°

Test results:

Seat force N	Back force N	Number of cycles	Back rest position	Remarks
1.000	333	25.000	Vertical	No defects
750	670	25.000	Reclining	No defects

Total cycles: 50.000

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 5

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	28/04/23
Date of issue:	10/05/23

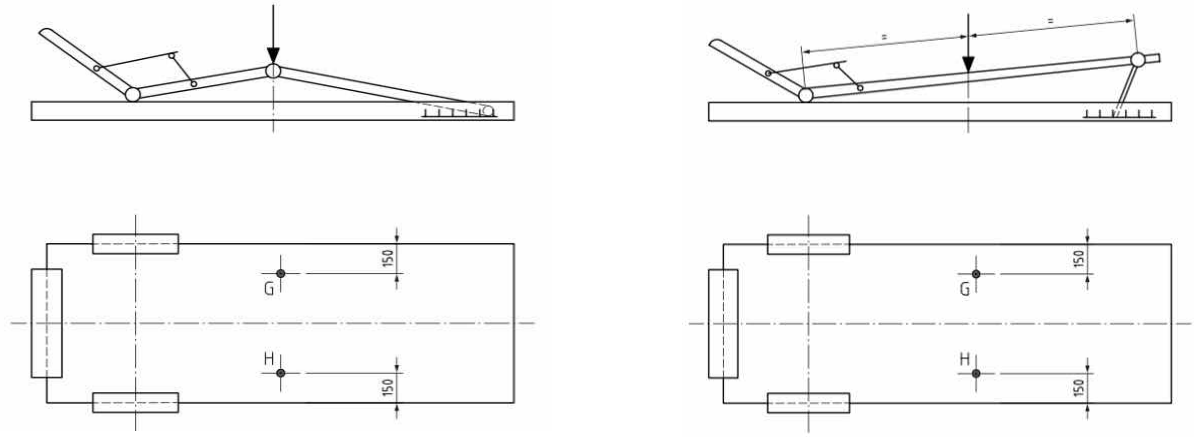
Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: additional seat durability test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Loungers: additional seat durability test, clause 8.4.2, EN 1728:2012+AC:2013



Test results:

Vertical force in points G and H N	Number of cycles per point	Remarks
1.000	20.000	No defects

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 6

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	05/05/23
Date of issue:	10/05/23

Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: durability test on back rest mechanism EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Loungers: durability test on back rest mechanism, clause 8.5, EN 1728:2012+AC:2013

Test results:

Mass on the seat kg	Back force N	Number of cycles	Remarks
100	250	20.000	Non defetcs

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 7

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	10/05/23
Date of issue:	10/05/23

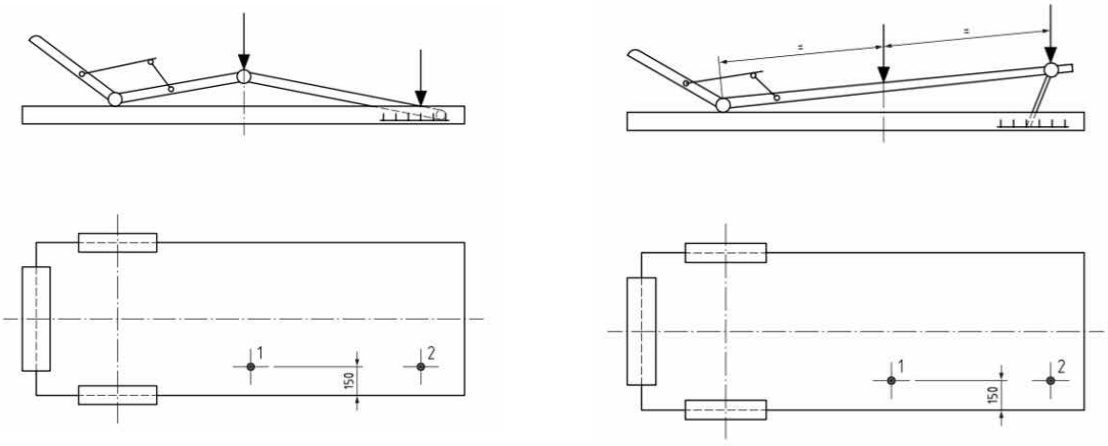
Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: seat impact test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Loungers: seat impact test, clause 8.8, EN 1728:2012+AC:2013



Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	240	10	No defects

Note:
The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015+AC:2016, contract level.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT

346575 / 8

Revision:	0
Date of sample receipt:	06/04/23
Date of test:	10/05/23
Date of issue:	10/05/23

Sample name: Code 708 TROPIC sunlounger

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)
ULUS MAH. CATALCA YOLU CAD. NO: 597
34537 TEPECIK, BUYUKCEKMECE-ISTANBUL
TR - TURKEY

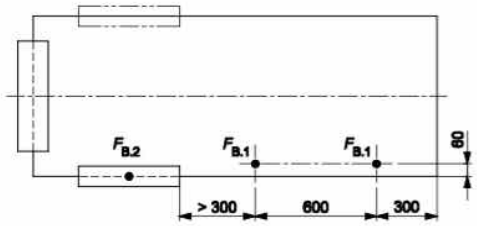
Loungers. Stability EN 581-2:2015+AC:2016

Stability EN 581-2:2015+AC:2016, annex A

Sideways stability, annex A, clause A.1.1

Loungers with arm rests:

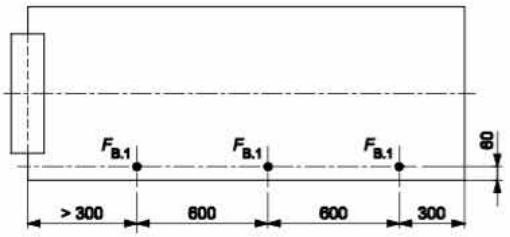
Force in Fb1:	600 N
Force in Fb2:	250 N
Time of application:	5 sec



Remarks:
/

Loungers without arm rests:

Force in Fb1:	600 N
Time of application:	5 sec



Remarks:
The lounger does not overbalance

Forward stability, annex A, clause A.1.2

Force in Fb3:	600 N
Time of application:	5 sec

Remarks:
The lounger does not overbalance

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian

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.

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

Testing site:
via Antica, 24/3
33048 San Giovanni al Nat. (UD)
tel. +39 0432 747211
lab@catas.com

LAB N° 0027 L
Membro degli MRA EA, IAF e ILAC

TEST REPORT **346575 / 8 rev. 0**
Date of issue: 10/05/23
Sample name: Code 708 TROPIC sunlounger

Rearwards stability, EN 1022:2005

Fixed back chair, clause 6.6

Horizontal force	:	218 N	does not overturn

Chair with back rest inclination, clause 7.5

Loading discs on the seat	:	3	
Loading discs on the back	:	8	does not overturn

Remarks:
The lounger does not overbalance

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian