

Date of receipt: 10/02/22
Date of issue: 11/03/22
Report consists of 11 test reports.
Defects before testing: None
Sample name: MIAMI

BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

SAMPLE N° 324064

Overall dimensions: 720 x 1570 x 850 (h) mm

List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Information for use EN 581-2:2015, clause 8
3. Loungers: seat and back static load test - reclining back rest EN 1728:2012+AC:2013
4. Loungers: additional seat and leg rest static load test EN 1728:2012+AC:2013
5. Loungers. Seat and back fatigue test - reclining back rest EN 1728:2012+AC:2013
6. Loungers: additional seat durability test EN 1728:2012+AC:2013
7. Loungers: durability test on back rest mechanism EN 1728:2012+AC:2013
8. Loungers: arm downwards static load test EN1728:2012+AC:2013
9. Loungers: arm fatigue test EN 1728:2012+AC:2013
10. Loungers: seat impact test EN 1728:2012+AC:2013
11. Loungers. Stability EN 581-2:2015



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*The managing director
Dr. Franco Bulian*
loc. u.e.

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SAMPLE N° 324064

Date of issue: 11/03/22
Sample weight: Not determined
Sample name: MIAMI



Side view



Rear view



Bottom view

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TEST REPORT

324064 / 1

Revision: 0
Date of receipt: 10/02/22
Date of test: 18/02/22
Date of issue: 11/03/22
Sample name: MIAMI



BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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 furniture 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.	Yes	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**

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TEST REPORT

324064 / 2

Revision: 0
Date of receipt: 10/02/22
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Date of issue: 11/03/22
Sample name: MIAMI



BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

Information for use EN 581-2:2015, clause 8

Information for use EN 581-2:2015, clause 8

General, clause 7.1

Statement checked	Remarks
Shall be provided in the language of the country where the chairs are sold.	Italian language
Shall be headed "IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY" in letters no less than 5 mm high.	Present

This instructions shall include at least the following:

Statement checked	Remarks
a) Name and address of the producer (manufacturer or supplier).	Present
b) Conditions for use of the product (camping, domestic or contract)	Present
c) Assembly instructions	Not applicable
d) Instructions for the care and maintenance.	Present
e) If the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	Not applicable

Marking for mobile loungers, clause 8.2

Statement checked	Remarks
All mobile loungers not intended to be lifted and moved under load shall be marked with a pictogram.	Present

Conformity to clause 8 of standard of EN 581-2:2015:	YES
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TEST REPORT

324064 / 3

Revision: 0
Date of receipt: 10/02/22
Date of test: 04/03/22
Date of issue: 11/03/22



Sample name: MIAMI

BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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

Test performed according to EN 581-2:2015

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

Back rest inclination:

Test results:

Seat load N	Back rest force N	Number of cycles	Time of application	Back rest position	Remarks
1.600	410	5	10 s	vertical	No defects
1.200	1.070	5	10 s	reclined	No defects
1.200	1.070	1	30 min	reclined	No defects

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 4

Revision: 0
Date of receipt: 10/02/22
Date of test: 04/03/22
Date of issue: 11/03/22
Sample name: MIAMI

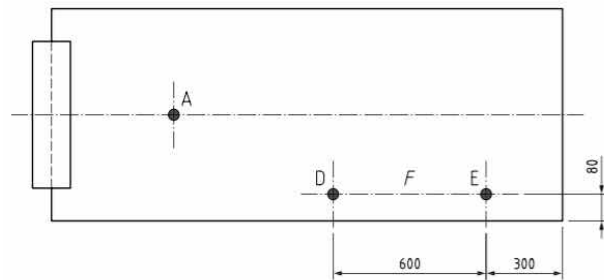
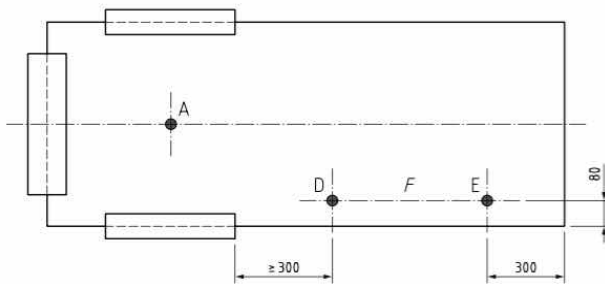


BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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

Test performed according to EN 581-2:2015

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



Test results:

Force on point A N	Force between point D and E	Number of cycles	Time of application	Remarks
750	900	10	10 sec	No defects
750	900	1	30 min	No defects

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 5

Revision: 0
Date of receipt: 10/02/22
Date of test: 04/03/22
Date of issue: 11/03/22



Sample name: MIAMI

BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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

Test performed according to EN 581-2:2015

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

Back rest inclination:

Test results:

Seat force N	Back force N	Number of cycles	Back rest position	Remarks
1.000	333	12.500	Vertical	No defects
750	670	12.500	Reclining	No defects

Total cycles: 25.000

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 6

Revision: 0
Date of receipt: 10/02/22
Date of test: 08/03/22
Date of issue: 11/03/22
Sample name: MIAMI

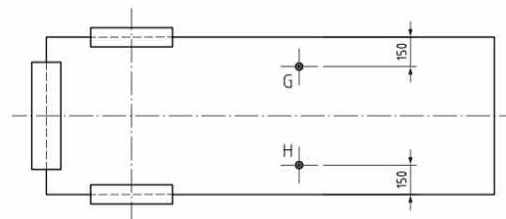
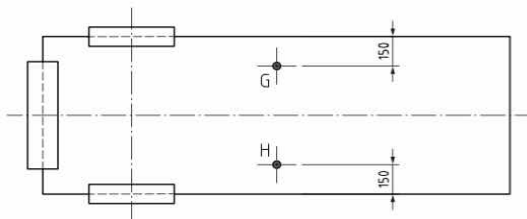
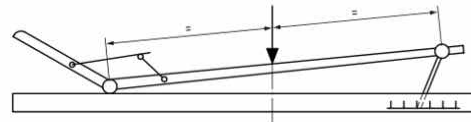
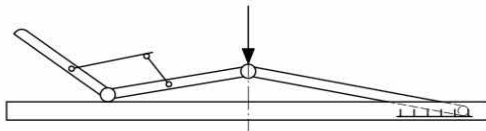


BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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

Test performed according to EN 581-2:2015

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	5.000	No defects

Total cycles: 10.000

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 7

Revision: 0
Date of receipt: 10/02/22
Date of test: 09/03/22
Date of issue: 11/03/22



Sample name: MIAMI

BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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	10.000	Non defetcs

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 8

Revision: 0
Date of receipt: 10/02/22
Date of test: 10/03/22
Date of issue: 11/03/22
Sample name: MIAMI



BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

Loungers: arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 581-2:2015

Loungers: arm downwards static load test, clause 8.6, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
700	10	No defects

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 9

Revision: 0
Date of receipt: 10/02/22
Date of test: 10/03/22
Date of issue: 11/03/22
Sample name: MIAMI



BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

Loungers: arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015

Loungers: arm fatigue test, clause 8.7, EN 1728:2012+AC:2013

Test results:

Force on arm rest N	Number of cycles	Remarks
400	10.000	No defects

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT
324064 / 10

Revision: 0
Date of receipt: 10/02/22
Date of test: 11/03/22
Date of issue: 11/03/22
Sample name: MIAMI

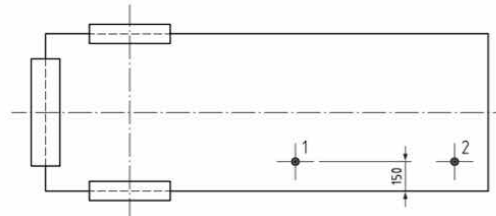
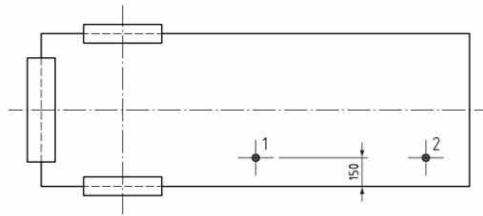
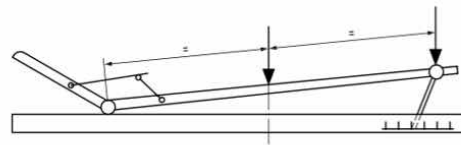
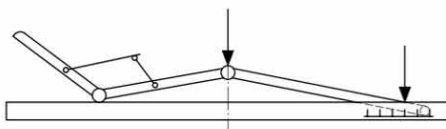


BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

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

Test performed according to EN 581-2:2015

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



Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	180	10	No defects

Note:

The test results comply with the requirements in clause 6.2.2 of EN 581-2:2015, domestic level.

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TEST REPORT

324064 / 11

Revision: 0
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Sample name: MIAMI



BICA S.P.A.
VIA DELL'ARTIGIANATO, 2
35020 CANDIANA (PD)
ITALIA

Loungers. Stability EN 581-2:2015

Stability EN 581-2:2015, annex A

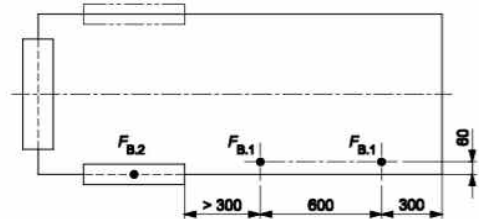
Sideways stability, annex A, clause A.1.1

Loungers with arm rests:

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

Remarks:

The lounge does not overbalance

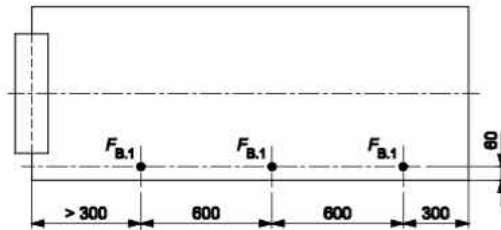


Loungers without arm rests:

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

Remarks:

/

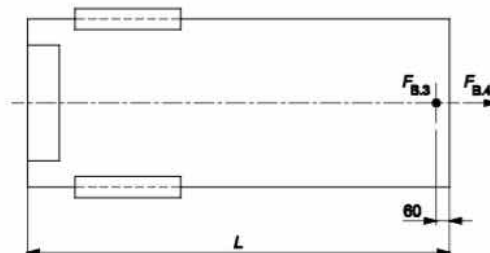


Forward stability, annex A, clause A.1.2

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

Remarks:

The lounge does not overbalance



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TEST REPORT

324064 / 11 rev. 0

Date of issue:

11/03/22

Sample name:

MIAMI

Rearwards stability, EN 1022:2005

Fixed back chair, clause 6.6

Horizontal force : 227 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 lounge does not overbalance

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