

Date received: 10/06/14

Date of issue: 04/07/14

Report consists of 8 test reports.

Defects before testing: None

Sample name: Code 089 PACIFIC sunlounger

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL ()
TR - TURKEY

SAMPLE N° 178495

Overall dimensions: 680 x 1800 x 920 (h) mm

List performed tests:

1. Outdoor furniture - General safety requirements EN 581-1:2006
2. Loungers- seat and back static load test EN 581-2:2009, clause B.2.1.1
3. Loungers: seat and back static load test - reclining back rest EN 581-2:2009
4. Loungers. Seat fatigue test EN 581-2:2009, clause B.2.1.2
5. Loungers. Seat and back fatigue test. Reclining back rest EN 581-2:2009
6. Loungers. Multi-position back rest: fatigue test EN 581-2:2009, clause B.2.1.3
7. Loungers. Seat impact test EN 581-2:2009, clause B.2.1.6
8. Loungers. Stability EN 581-2:2009, clause B.3



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 178495

Date of issue: 04/07/14
Sample weight: Not determined
Sample name: Code 089 PACIFIC sunlounger



Side view



Rear view



Bottom view

TEST REPORT

178495 / 1

Date received: 10/06/14
Date of test: 19/06/14
Date of issue: 04/07/14



Sample name: Code 089 PACIFIC sunlounger

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Outdoor furniture - General safety requirements EN 581-1:2006

5.1 Edges and corners of parts which are directly contactable:

Requirement	Observed	Remarks
Edges and corners rounded and chamfered	Yes	None

5.1 Edges and corners of accessible parts:

Requirement	Observed	Remarks
Absence of sharp edges and burrs	Yes	None

5.2 Tubulars, holes and gaps accessible during use:

Requirement	Observed	Remarks
Capped holes and gaps if dimensions are ≥ 7 and ≤ 12 mm with depth ≥ 10 mm tested with probe as specif. at point 4, applying 30 N force	Yes	None
Bottom of tubulars capped or plugged	Yes	None

5.3 Shear and squeeze points:

Requirement	Observed	Remarks
Absence of shear and squeeze points, created by powered mechanisms	Mechanism not present	None
Absence of shear and squeeze points, created by loads during normal use	Yes	None

Conformity to clause 5 of standard EN 581-1:2006:

YES

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TEST REPORT

178495 / 2

Date received: 10/06/14
Date of test: 19/06/14
Date of issue: 04/07/14



Sample name: Code 089 PACIFIC sunlounger

ISILPLAST PLASTİK SANAYİ VE TİC. A.Ş.
CATALCA YOLU NO:4 TEPECİK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

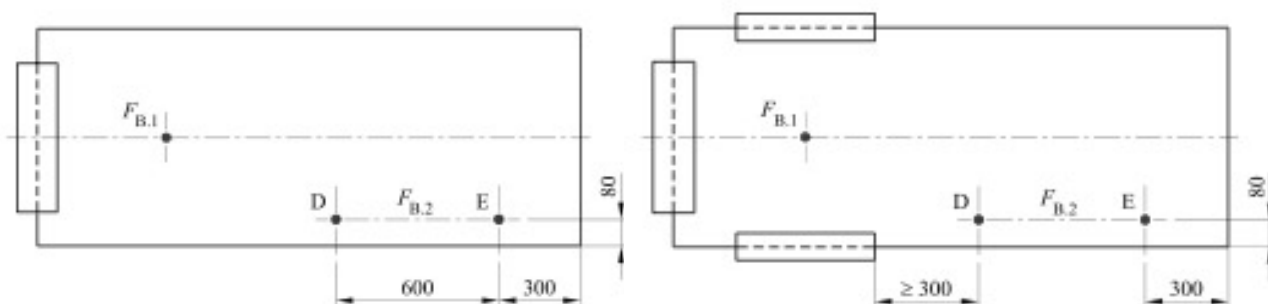
Loungers- seat and back static load test EN 581-2:2009, clause B.2.1.1

Seat and back static load test clause B.2.1.1 of EN 581-2:2009

Contract use

Points of application:

FB1, D, E



Test results:

Load on FB1 N	Back force N	Load on FB2 N	Number of cycles	Time of application	Remarks
2.000	560	900	10	10 sec	No defects
2.000	560	900	1	30 min	No defects

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TEST REPORT

178495 / 3

Date received: 10/06/14
Date of test: 19/06/14
Date of issue: 04/07/14



Sample name: Code 089 PACIFIC sunlounger

ISILPLAST PLASTİK SANAYİ VE TİC. A.Ş.
CATALCA YOLU NO:4 TEPECİK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers: seat and back static load test - reclining back rest EN 581-2:2009

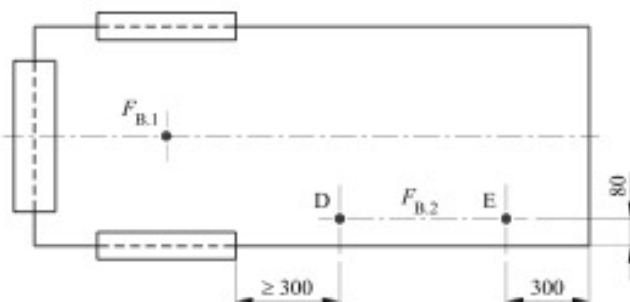
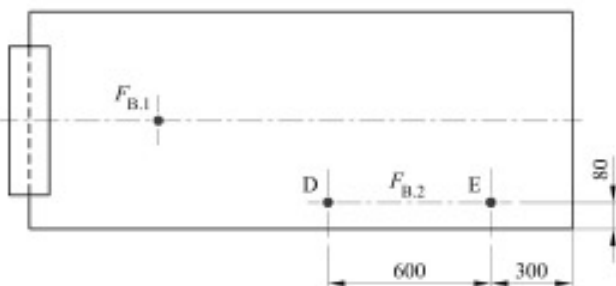
Seat and back static load test, clause B.2.1.1 of EN 581-2:2009

Contract use

Back rest inclination: 16°

Points of application:

FB1, D, E



Test results:

Load on FB1 N	Back rest force N	Load on FB2 N	Number of cycles	Time of application	Remarks
1.500	1.440	900	10	10 sec	No defetcs
1.500	1.440	900	1	30 min	No defects

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Managing Director
Dr. Andrea Graven

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TEST REPORT

178495 / 4

Date received: 10/06/14
Date of test: 19/06/14
Date of issue: 04/07/14



Sample name: Code 089 PACIFIC sunlounger

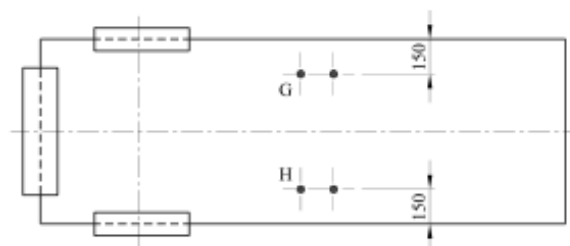
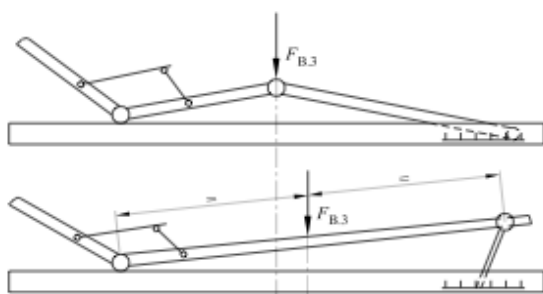
ISILPLAST PLASTİK SANAYII VE TIC. A.S.
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Loungers. Seat fatigue test EN 581-2:2009, clause B.2.1.2

Seat and back fatigue test EN 581-2:2009, clause B.2.1.2

Seat fatigue test EN 581-2:2009, clause B.2.1.2.1

Contract use



Test results:

Vertical force N	Number of cycles per point	Remarks
1.000	25.000	No defects

Total cycles: 50.000

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TEST REPORT

178495 / 5

Date received: 10/06/14
Date of test: 23/06/14
Date of issue: 04/07/14



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ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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TR - TURKEY

Loungers. Seat and back fatigue test. Reclining back rest EN 581-2:2009

Seat and back fatigue test EN 581-2:2009, clause B.2.1.2.2

Test method: EN 1728:2000, clause 6.9

Contract use

Bending moment applied to the back: 100 Nm

Back rest inclination: 16°

Test results:

Seat force N	Back force N	Back rest position	Number of cycles	Remarks
1.000	330	Vertical	25.000	No defects
750	720	Reclining	25.000	No defects

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TEST REPORT

178495 / 6

Date received: 10/06/14
Date of test: 02/07/14
Date of issue: 04/07/14



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CATALCA YOLU NO:4 TEPECİK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Loungers. Multi-position back rest: fatigue test EN 581-2:2009, clause B.2.1.3

Multi-position back rest: fatigue test, clause B.2.1.3

Contract use

Bending moment applied to the back: 100 Nm

Test results:

Mass on the seat kg	Back force N	Number of cycles	Remarks
100	330	20.000	Non defetcs

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TEST REPORT

178495 / 7

Date received: 10/06/14
Date of test: 04/07/14
Date of issue: 04/07/14



Sample name: Code 089 PACIFIC sunlounger

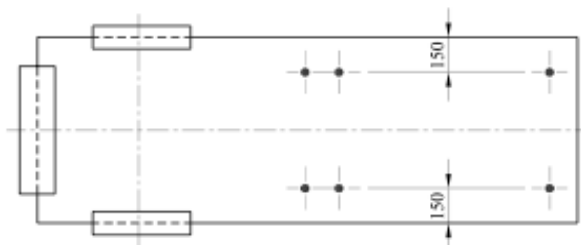
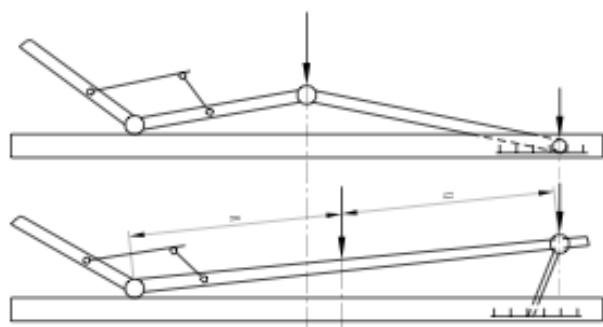
ISILPLAST PLASTİK SANAYII VE TIC. A.S.
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Loungers. Seat impact test EN 581-2:2009, clause B.2.1.6

Seat impact test EN 581-2:2009, clause B.2.1.6

Test method: EN 1728:2000, clause 6.15

Contract use



Test results:

Mass of impact kg	Height of drop mm	Number of impacts per point	Remarks
25	180	10	No defects

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TEST REPORT

178495 / 8

Date received: 10/06/14
Date of test: 04/07/14
Date of issue: 04/07/14



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Loungers. Stability EN 581-2:2009, clause B.3

Stability EN 581:2009, clause B.3

Sideways stability, clause B.3.1.1

Loungers with arm rests:

Force in Fb4: /
Force in Fb5: /
Time of application: /

Remarks:

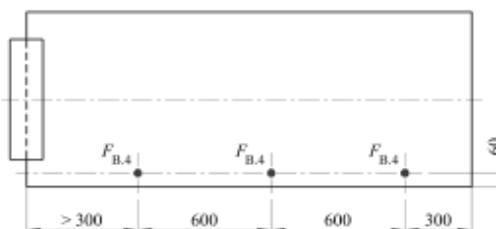
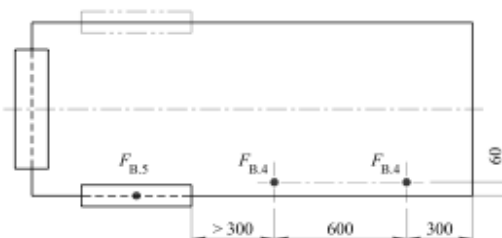
/

Loungers without arm rests:

Force in Fb4: 600 N
Time of application: 5 sec

Remarks:

The lounger does not overbalance

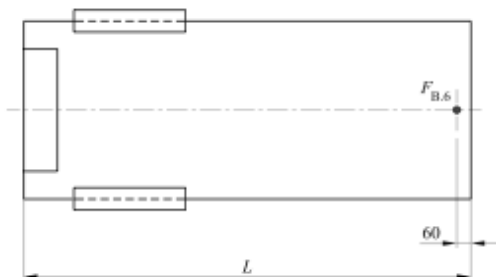


Forward stability, clause B.3.1.2

Force in Fb6: 600 N
Time of application: 30 sec

Remarks:

The lounger does not overbalance



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