

Date received: 14-06-11

Date of issue: 05-08-11

Report consists of 10 test reports.

Defects before testing: None

Sample name: FIJI sunlounger - code 860

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL ()
TR - TURKEY**TEST REPORT N° 129750**

Overall dimensions: 1880 x 730 x 920 (h) mm

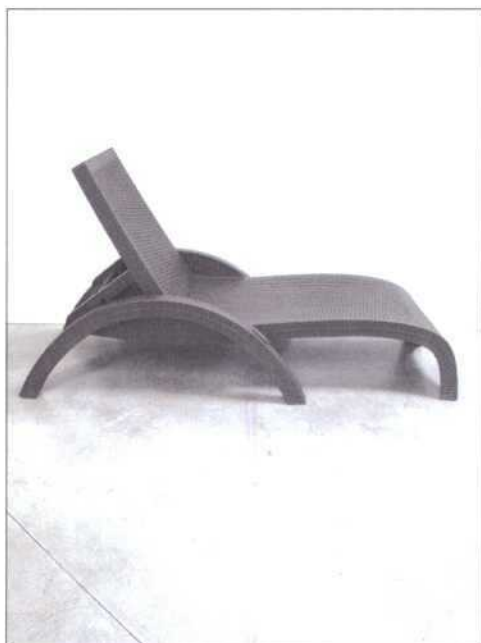
List performed tests

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. Arm downwards static load test EN 581-2:2009, clause B.2.1.4
8. Loungers. Armrests fatigue test EN 581-2:2009, clause B.2.1.5
9. Loungers. Seat impact test EN 581-2:2009, clause B.2.1.6
10. Loungers. Stability EN 581-2:2009, clause B.3

Head of Department
Paolo BaluttoManaging Director
Dr. Andrea Giavon

TEST REPORT N° 129750

Date of issue: 05-08-11
Sample weight: Not determined
Sample name: FIJI sunlounger - code 860



Side view



Rear view

TEST REPORT

129750 / 1

Date received: 14-06-11
Date of test: 22-06-11
Date of issue: 05-08-11



Sample name: FIJI sunlounger - code 860

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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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

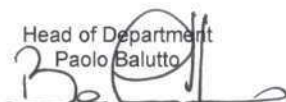
5.3 Shear and squeeze points:

Requirement	Observed	Remarks
Absence of shear and squeeze points, created by powered mechanisms	Yes	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

Head of Department
Paolo Balutto



Managing Director
Dr. Andrea Givoni



TEST REPORT

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Date received: 14-06-11

Date of test: 22-06-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
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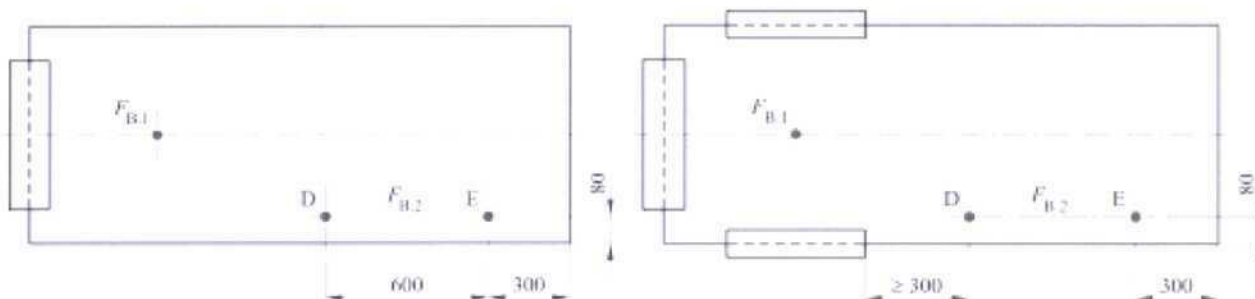
Loungers- seat and back static load test EN 581-2:2009, clause B.2.1.1

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

Head of Department
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Managing Director
Dr. Andrea Giavon



TEST REPORT

129750 / 3

Date received: 14-06-11

Date of test: 22-06-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
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Loungers: seat and back static load test - reclining back rest EN 581-2:2009

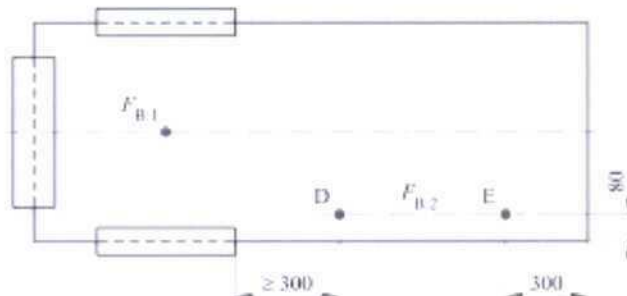
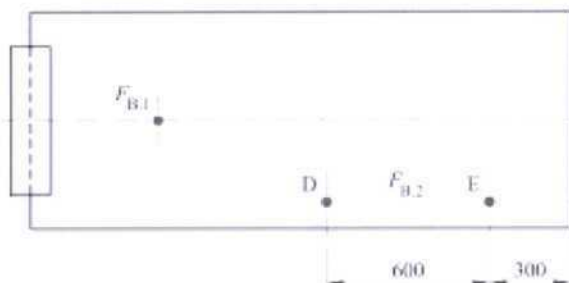
Seat and back static load test, clause B.2.1.1 of EN 581-2:2009

Contract use

Back rest inclination: 27°

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	1.300	900	10	10 sec	No defects
1.500	1.300	900	1	30 min	No defects

Head of Department
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TEST REPORT

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Date received: 14-06-11

Date of test: 22-06-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



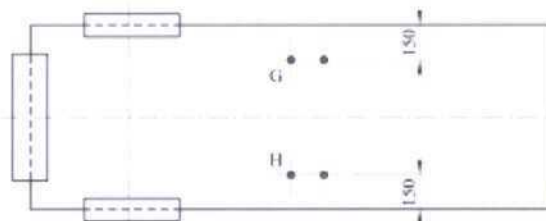
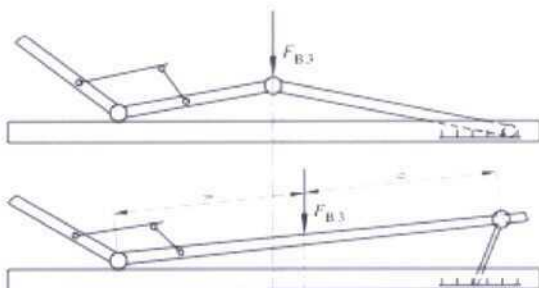
ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
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Loungers. Seat fatigue test EN 581-2:2009, clause B.2.1.2

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

Head of Department
Paolo Balutto

Managing Director
Dr. Andrea Giavon

TEST REPORT

129750 / 5

Date received: 14-06-11

Date of test: 27-06-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
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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: 27°

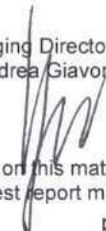
Test results:

Seat force N	Back force N	Back rest position	Number of cycles	Remarks
1.000	330	Vertical	12.500	No defects
750	660	Reclining	12.500	No defects

Head of Department
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Managing Director
Dr. Andrea Giavon



TEST REPORT

129750 / 6

Date received: 14-06-11

Date of test: 14-07-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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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	250	20.000	Non defetcs

Head of Department
Paolo Balutto



Managing Director
Dr. Andrea Giavon



TEST REPORT

129750 / 7

Date received: 14-06-11

Date of test: 01-08-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
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Loungers. Arm downwards static load test EN 581-2:2009, clause B.2.1.4

Arm downwards static load test EN 581-2:2009, clause B.2.1.4

Test method: EN 1728:2000, clause 6.6

Contract use

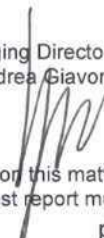
Test results:

Vertical force N	Number of applications	Remarks
900	10	No defects

Head of Department
Paolo Balutto



Managing Director
Dr. Andrea Giamon



TEST REPORT

129750 / 8

Date received: 14-06-11

Date of test: 01-08-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Loungers. Armrests fatigue test EN 581-2:2009, clause B.2.1.5

Arm rest fatigue test EN 581-2:2009, clause B.2.1.5

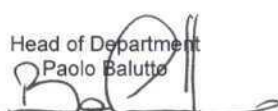
Test method: EN 1728:2000, clause 6.10

Contract use

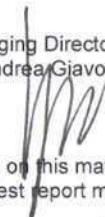
Test results:

Load on armrest N	Number of cycles	Remarks
400	30.000	No defects

Head of Department
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Managing Director
Dr. Andrea Giavon



TEST REPORT

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Date received: 14-06-11

Date of test: 04-08-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



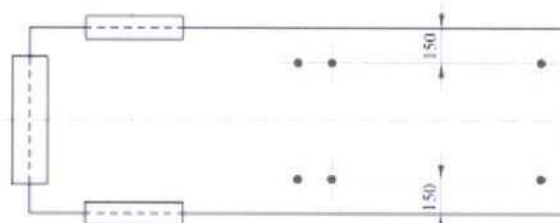
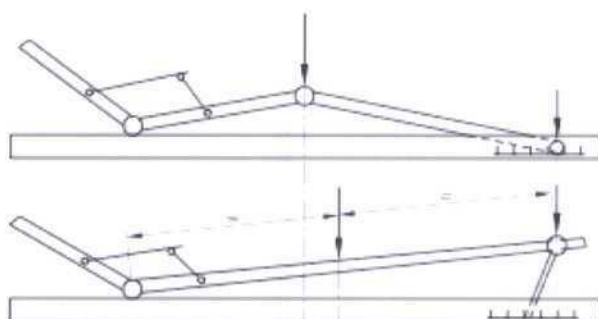
ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Loungers. Seat impact test EN 581-2:2009, clause B.2.1.6

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

Head of Department
Paolo Balutto

Managing Director
Dr. Andrea Giavon

TEST REPORT

129750 / 10

Date received: 14-06-11

Date of test: 04-08-11

Date of issue: 05-08-11

Sample name: FIJI sunlounger - code 860



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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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: 600 N

Force in Fb5: 250 N

Time of application: 5 sec

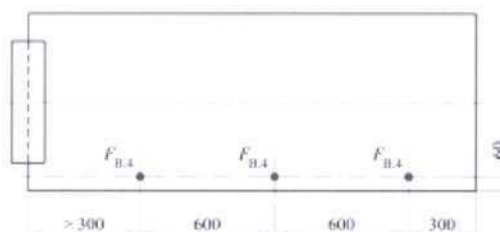
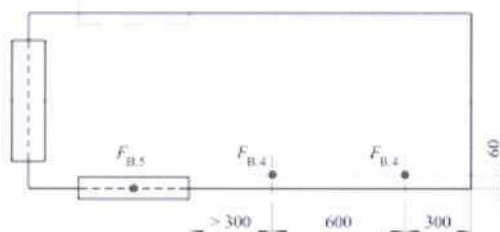
Remarks:

The lounger does not overbalance

Loungers without arm rests:

Force in Fb4: //

Time of application: //



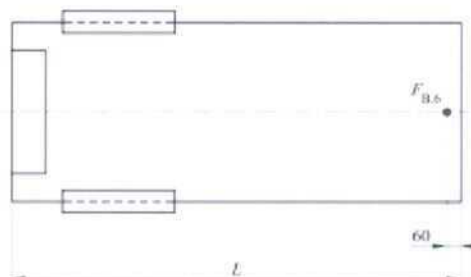
Forward stability, clause B.3.1.2

Force in Fb6: 600 N

Time of application: 30 sec

Remarks:

The lounger does not overbalance



Head of Department
Paolo Balutto

Managing Director
Dr. Andrea Giavon