

Report ID: 393234
Date of sample receipt: 04/06/25
Date of issue: 09/06/25

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

Sample name: PORTOFINO chair

SAMPLE N° 393234

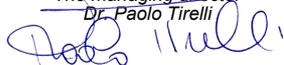
Overall dimensions: 530 x 600 x 820 (h) mm

List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Leg forward static load test EN 1728:2012+AC:2013
5. Leg sideways static load test EN 1728:2012+AC:2013
6. Seat impact test EN 1728:2012+AC:2013
7. Stability - EN 1022:2005
8. Stability EN 1022:2023, clause 7.3



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The managing director
Dr. Paolo Tirelli


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Date of issue: 09/06/25
Sample weight: Not determined
Sample name: PORTOFINO chair



Side view



Rear view



Bottom view

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TEST REPORT

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Revision: 0
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Date of test: 05/06/25
Date of issue: 09/06/25



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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 | Not applicable | 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. | Not applicable | None |
| Absence of shear and squeeze points, created by parts operated by powered mechanism. | Not applicable | 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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Revision: 0
 Date of sample receipt: 04/06/25
 Date of test: 06/06/25
 Date of issue: 09/06/25



Sample name: PORTOFINO chair

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 TR - TURKEY

Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clauses 6.4 and 6.5 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Risultati della prova:

| Seat load N | Back force N | Number of cycles | Remarks |
|-------------|--------------|------------------|------------|
| 2.000 | 500 | 10 x 10 s | No defects |
| 2.200 | 500 | 1 x 30 min | No defects |

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 560 N to 500 N to avoid tipping.

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

| Seat load N | Number of cycles | Remarks |
|-------------|------------------|------------|
| 1.300 | 10 | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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Date of test: 06/06/25
Date of issue: 09/06/25



Sample name: PORTOFINO chair

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TR - TURKEY

Seat and back fatigue test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.17 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

| Seat load N | Back force N | Number of cycles | Remarks |
|----------------|-----------------|---------------------|------------|
| 1.150 | 300 | 50.000 | No defects |

Note:

In order to avoid tipping, the applied back force according to clause 6.2.1 of EN 1728:2012+AC:2013, has been reduced from 333 N to 300 N and the seat force has been increased from 1.000 N to 1.150 N. The minimum back force required is 300 N.

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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Leg forward static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.15 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

| Forward horizontal force N | Balancing seat force N | Number of cycles | Remarks |
|----------------------------|------------------------|------------------|------------|
| 400 | 1.000 | 10 | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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Leg sideways static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.16 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

| Sideways horizontal force N | Balancing seat force N | Number of cycles | Remarks |
|-----------------------------|------------------------|------------------|------------|
| 270 | 1.000 | 10 | No defects |

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 300 N to 270 N, to avoid tipping.

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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Seat impact test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.24 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

| Mass of impactor kg | Height of drop mm | Impact point | Number of drops | Remarks |
|---------------------|-------------------|-----------------------------------------------------------|-----------------|------------|
| 25 | 240 | seat loading point (A) | 10 | No defects |
| 25 | 240 | on the longitudinal axis, 100 mm from the front seat edge | 10 | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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TR - TURKEY**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 160 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 160 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : /

The test result complies with the requirements of EN 1022:2005

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TEST REPORT**393234 / 8**Revision: 0
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TR - TURKEY**Stability EN 1022:2023, clause 7.3**

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 2 of EN 1022:2023

Loads and masses according to table B1 of EN 1022:2023, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : 20 N does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : /

Corner stability, clause 7.3.3 : does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : 20 N does not overturn

Seating with arm rests, clause 7.3.5.2 : /

Seating with raised side edges, clause 7.3.5.3 : /

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 160 N : 160 N does not overturn

Tilting seating, clause 7.4.2 : /

Reclining seating with leg rest, clause 7.4.3 : /

Reclining seating without leg rest, clause 7.4.4 : /

Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of standard EN 1022:2023

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