

Report ID: 386341  
Date of sample receipt: 31/01/25  
Date of issue: 19/02/25

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

Sample name: Code 212 PORTOFINO armchair

## SAMPLE N° 386341

Overall dimensions: 580 x 600 x 810 (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. Arm downwards static load test EN1728:2012+AC:2013
5. Arm fatigue test EN 1728:2012+AC:2013
6. Leg forward static load test EN 1728:2012+AC:2013
7. Leg sideways static load test EN 1728:2012+AC:2013
8. Seat impact test EN 1728:2012+AC:2013
9. Stability - EN 1022:2005
10. Stability EN 1022:2023, clause 7.3



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The managing director  
Dr. Paolo Tirelli

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## SAMPLE N° 386341

Date of issue: 19/02/25  
Sample weight: Not determined  
Sample name: Code 212 PORTOFINO armchair



Side view



Rear view



Bottom view

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**TEST REPORT**

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Revision: 0  
Date of sample receipt: 31/01/25  
Date of test: 04/02/25  
Date of issue: 19/02/25



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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 present	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 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:	<b>YES</b>
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**TEST REPORT**

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Revision: 0  
Date of sample receipt: 31/01/25  
Date of test: 05/02/25  
Date of issue: 19/02/25



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**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	560	10 x 10 s	No defects
2.000	560	1 x 30 min	No defects

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 sample receipt: 31/01/25  
Date of test: 14/02/25  
Date of issue: 19/02/25



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**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
1.000	333	50.000	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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**TEST REPORT**

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Revision: 0  
Date of sample receipt: 31/01/25  
Date of test: 17/02/25  
Date of issue: 19/02/25



Sample name: Code 212 PORTOFINO armchair

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**Arm downwards static load test EN1728:2012+AC:2013**

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.11 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

Vertical force N	Number of applications	Remarks
900	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: 17/02/25  
Date of issue: 19/02/25



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**Arm fatigue test EN 1728:2012+AC:2013**

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.20 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

Test results:

Force on arm rest N	Number of cycles	Remarks
400	30.000	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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**TEST REPORT**

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Date of test: 18/02/25  
Date of issue: 19/02/25



Sample name: Code 212 PORTOFINO armchair

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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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Date of issue: 19/02/25



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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
300	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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**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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**TEST REPORT**

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**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 170 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 170 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**  
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**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	:		
Seating with arm rests, clause 7.3.5.2	:	20 N	does not overturn
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: 170 N	:	170 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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