

Report ID: 344047
Date of sample receipt: 17/02/23
Date of issue: 09/03/23

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

Sample name: Code 287 / 288 TOM Bar Stool

SAMPLE N° 344047

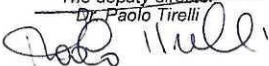
Overall dimensions: 360 x 360 x 760 (h) mm

List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Stability EN 1022:2018, clause 7.3
3. Seat and back static load test EN 1728:2012+AC:2013
4. Seat and back fatigue test EN 1728:2012+AC:2013
5. Leg forward static load test EN 1728:2012+AC:2013
6. Leg sideways static load test EN 1728:2012+AC:2013
7. Seat impact test EN 1728:2012+AC:2013
8. Foot rest static load test EN 1728:2012+AC:2013



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The deputy director
Dr. Paolo Tirelli


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SAMPLE N° 344047

Date of issue: 09/03/23
Sample weight: Not determined
Sample name: Code 287 / 288 TOM Bar Stool



Side view



Bottom view

TEST REPORT

344047 / 1

Revision: 0
Date of sample receipt: 17/02/23
Date of test: 20/02/23
Date of issue: 09/03/23



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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 present	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

344047 / 3

Revision: 0
Date of sample receipt: 17/02/23
Date of test: 23/02/23
Date of issue: 09/03/23



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

Test performed according to EN 581-2:2015+AC:2016

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

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	/	10 x 10 s	No defects
2.000	/	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

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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TEST REPORT

344047 / 4

Revision: 0
Date of sample receipt: 17/02/23
Date of test: 23/02/23
Date of issue: 09/03/23



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

Test performed according to EN 581-2:2015+AC:2016

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	/	50.000	No defects

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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TEST REPORT

344047 / 5

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Date of sample receipt: 17/02/23
Date of test: 08/03/23
Date of issue: 09/03/23



Sample name: Code 287 / 288 TOM Bar Stool

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

Test performed according to EN 581-2:2015+AC:2016

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
200	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 300 N to 200 N, to avoid tipping.

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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TEST REPORT

344047 / 6

Revision: 0
Date of sample receipt: 17/02/23
Date of test: 08/03/23
Date of issue: 09/03/23



Sample name: Code 287 / 288 TOM Bar Stool

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

Test performed according to EN 581-2:2015+AC:2016

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
150	1.000	10	No defects

Note:

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 560 N to 290 N, to avoid tipping.

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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TEST REPORT

344047 / 7

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Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Seat impact test clause 6.24, EN 1728:2012+AC:2013

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

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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TEST REPORT

344047 / 8

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Foot rest static load test EN 1728:2012+AC:2013

Test performed according to EN 581-2:2015+AC:2016

Foot rest static load test, clause 6.8, EN 1728:2012+AC:2013

Test results:

Force on foot rest N	Number of cycles	Remarks
1.200	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

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