

Report ID: 336570
Date of sample receipt: 03/10/22
Date of issue: 18/10/22

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

Sample name: SKY TABLE

SAMPLE N° 336570

Overall dimensions: 700 x 700 x 745 (h) mm

List of test reports:

1. Outdoor tables: safety requirements EN 581-1:2017 clause 5
2. Vertical static load test EN 1730:2012, clause 6.3
3. Horizontal fatigue test EN 1730:2012, clause 6.4.2
4. Stability under vertical load EN 1730:2012, clause 7.2



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*The managing director
Dr. Franco Bulian*
[Signature]

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TEST REPORT

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Outdoor tables: safety requirements EN 581-1:2017 clause 5

5.1 General requirements

Requirements	Observed	Remarks
Table top: edges are rounded or chamfered	Yes	None
All other edges: are free from burrs and/or sharp edges	Yes	None
Movable and adjustable parts: are designed so to injuries and inadvertent operation are avoided	/	Movable and adjustable parts not present
Load bearing part of table: shall not be possible to come loose unintentionally	Yes	None
Parts which are lubricated: all the parts which are lubricated shall be designed to protect users	/	Parts which are lubricated not present

5.2 Tubular components

Ends of hollow tubular components with $\varnothing \geq 7$ mm and ≤ 12 mm where the accessible depth is ≥ 10 mm: not present	Yes	None
Bottom of tubular legs, holes ≥ 7 mm and ≤ 12 mm: not present	Yes	None

5.3.2 Shear and squeeze points under influence of powered mechanisms

Requirements	Observed	Remarks
Absence of shear and squeeze points under influence of powered mechanisms	/	Powered mechanisms not present

5.3.3 Shear and squeeze points during use

Requirements	Observed	Remarks
Absence of shear and squeeze points created by forces applied during normal use, see: EN 581-3:2017 - Table 1	Yes	None

Note:

The test results comply with safety requirements of EN 581-1:2017 clause 5

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Vertical static load test EN 1730:2012, clause 6.3

Clause 6.3.1 Vertical static load test on main surface

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top, at the middle of the long side	1000	10	No defects
Geometrical centre of the top	1000	10	No defects

Clause 6.3.2 Additional vertical static load test where the main surface has a length > 1600mm

Test results:

2 Load application positions	Vertical force N	Number of cycles	Remarks
On the longitudinal axis, 400 mm on either side of the transversal axis	/	/	Not applicable

Clause 6.3.3 Vertical static load test on ancillary surface

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top, at the middle of the long side	/	/	Not applicable

Note:

The test has been carried out according to Table 1 of EN 581-3:2017 Test level: Contract

The test results comply with strength and durability requirements of EN 581-3:2017 clause 5.2.2 (a,b,c)

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Horizontal fatigue test EN 1730:2012, clause 6.4.2

Test results:

Direction of the force	Specified horizontal force N	Applied horizontal force N	Number of cycles	Load on top kg	Remarks
Longitudinal (Fa)	300	200	20.000	50	No defects
Longitudinal (Fb)	300	200	20.000	50	No defects
Transverse (Fc)	300	200	20.000	50	No defects
Transverse (Fd)	300	200	20.000	50	No defects

Note:

The test has been carried out according to Table 1 of EN 581-3:2017 Test level: Contract

The test results comply with strength and durability requirements of EN 581-3:2017 clause 5.2.2 (a,b,c)

According to EN 1730:2012, horizontal force applied has been reduced to avoid tipping of the table.

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Stability under vertical load EN 1730:2012, clause 7.2

Type of surface tested: main surface
Longest dimension of the table top (L): 700 mm

Test results:

Vertical force N	Remarks
200 N	The table does not tip

Note:

The test has been carried out according to Table 1 of EN 581-3:2017
The test results comply with stability requirements of EN 581-3:2017 clause 5.2.2

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