

CATAS S.p.A. via Antica, 24/3 33048 San Giovanni al Nat. (UD) +39 0432 747211 - lab@catas.com www.catas.com

| 334552 |
|----------|
| 26/08/22 |
| 26/09/22 |
| |

SAVAS PLASTIK SAN. VE. TIC. A.S. BEYSAN SAN. SIT. BIRLIK CAD. NO: 18-BEY. 34524 ISTANBUL TR - TURKEY

Sample name:

MOON C FOLDABLE LEG 69X69

SAMPLE N° 334552

Overall dimensions: 695 x 695 x 755 (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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TEST REPORT 334552 / 1

| 0040027 | 1 |
|-------------------------|----------|
| Revision: | 0 |
| Date of sample receipt: | 26/08/22 |
| Date of test: | 19/09/22 |
| Date of issue: | 26/09/22 |
| | |



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Sample name:

MOON C FOLDABLE LEG 69X69

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

| 5.1 General requirements | | Demoster |
|--|----------|---|
| Requirements | Observed | Remarks |
| Table top: edges are rounded or chamfered | Yes | None |
| All other edges: are free from burrs and/or sharp edges | Yes | Sharp edges have been noticed (see image pag.2/2) |
| Movable and adjustable parts: are designed so to injuries and inadvertent operation are avoided | Yes | None |
| 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 tubolar components with $\emptyset \ge 7$ mm and ≤ 12 mm where the accessible depth is ≥ 10 mm: not present | Yes | None |
| Bottom of tubolar legs, holes \geq 7 mm and \leq 12 mm: not present | Yes | None |

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 result does not comply with safety requirements of EN 581-1:2017 clause 5

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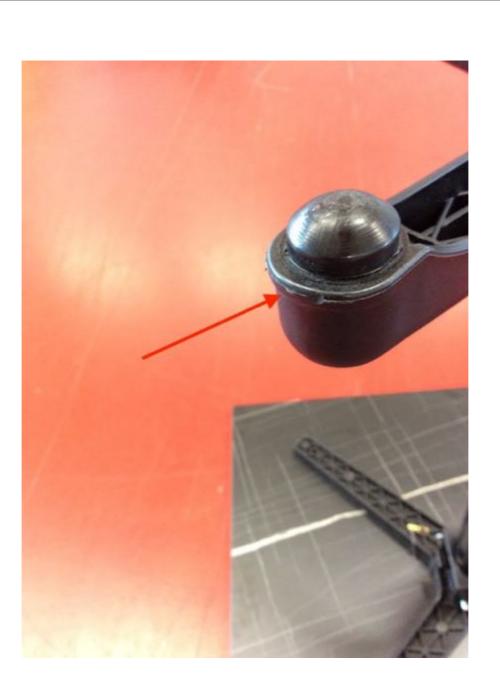
MOON C FOLDABLE LEG 69X69

334552 / 1 rev. 0

26/09/22

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Detail of the defect

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TEST REPORT 334552 / 2

| 0040027 | 2 | |
|-------------------------|-----------|-------------------|
| Revision: | 0 | |
| Date of sample receipt: | 26/08/22 | - |
| Date of test: | 19/09/22 | |
| Date of issue: | 26/09/22 | |
| Sample name: | MOON C FO | DLDABLE LEG 69X69 |



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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 |

Vertical static load test EN 1730:2012, clause 6.3

Clause 6.3.2 Additional vertical static load test where the main surface has a lenght > 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 | / | 1 | 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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TEST REPORT 334552/3

| 0040027 | 0 | |
|-------------------------|-----------|-------------------|
| Revision: | 0 | |
| Date of sample receipt: | 26/08/22 | - |
| Date of test: | 19/09/22 | |
| Date of issue: | 26/09/22 | |
| Sample name: | MOON C FO | DLDABLE LEG 69X69 |



SAVAS PLASTIK SAN. VE. TIC. A.S. BEYSAN SAN. SIT. BIRLIK CAD. NO: 18-BEY. 34524 ISTANBUL **TR - TURKEY**

Sample name:

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 | 150 | 20.000 | 50 | No defects |
| Longitudinal (Fb) | 300 | 150 | 20.000 | 50 | No defects |
| Transverse (Fc) | 300 | 150 | 20.000 | 50 | No defects |
| Transverse (Fd) | 300 | 150 | 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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TEST REPORT

| 55455274 | | | | |
|-------------------------|----------|--|--|--|
| Revision: | 0 | | | |
| Date of sample receipt: | 26/08/22 | | | |
| Date of test: | 26/09/22 | | | |
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Sample name:

MOON C FOLDABLE LEG 69X69

Stability under vertical load EN 1730:2012, clause 7.2

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

main surface 690 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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