

Date received: 08/09/15

Date of issue: 15/10/15

Report consists of 6 test reports.

Defects before testing: None

Sample name: Chair STELLA

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

SAMPLE N° 201825

Overall dimensions: 490 x 575 x 840 (h) mm

List performed tests:

1. Outdoor furniture - General safety requirements EN 581-1:2006
2. Seat and back static load test EN 1728:2000
3. Seat and back fatigue test EN 1728:2000
4. Leg forward static load test EN 1728:2000
5. Leg sideways static load test EN 1728:2000
6. Seat impact test EN 1728:2000



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Managing Director
Dr. Andrea Giavon



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SAMPLE N° 201825

Date of issue: 15/10/15
Sample weight: Not determined
Sample name: Chair STELLA



Side view



Rear view



Bottom view

TEST REPORT

201825 / 1

Date received: 08/09/15
Date of test: 23/09/15
Date of issue: 15/10/15



Sample name: Chair STELLA

SAVAS PLASTIK SAN. VE. TIC. A.S.
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TR - TURKEY

Outdoor furniture - General safety requirements EN 581-1:2006

5.1 Edges and corners of parts which are directly contactable:

| Requirement | Observed | Remarks |
|---|----------|---------|
| Edges and corners rounded and chamfered | Yes | None |

5.1 Edges and corners of accessible parts:

| Requirement | Observed | Remarks |
|----------------------------------|----------|---------|
| Absence of sharp edges and burrs | Yes | None |

5.2 Tubulars, holes and gaps accessible during use:

| Requirement | Observed | Remarks |
|--|----------|---------|
| Capped holes and gaps if dimensions are ≥ 7 and ≤ 12 mm with depth ≥ 10 mm tested with probe as specif. at point 4, applying 30 N force | Yes | None |
| Bottom of tubulars capped or plugged | Yes | None |

5.3 Shear and squeeze points:

| Requirement | Observed | Remarks |
|---|-----------------------|---------|
| Absence of shear and squeeze points, created by powered mechanisms | Mechanism not present | None |
| Absence of shear and squeeze points, created by loads during normal use | Yes | None |

Conformity to clause 5 of standard EN 581-1:2006:

YES

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TEST REPORT

201825 / 2

Date received: 08/09/15
Date of test: 08/10/15
Date of issue: 15/10/15



Sample name: Chair STELLA

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

Seat and back static load test EN 1728:2000

Seat and back static load test, clause 6.2.1

Test results:

| 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 6.2.2

| Seat load N | Number of cycles | Remarks |
|----------------|---------------------|------------|
| 1.300 | 10 x 10 s | No defects |
| 1.300 | 1 x 30 min | No defects |

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

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*Managing Director
Dr. Andrea Giavon*

TEST REPORT

201825 / 3

Date received: 08/09/15
Date of test: 08/10/15
Date of issue: 15/10/15



Sample name: Chair STELLA

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

Seat and back fatigue test EN 1728:2000

Seat and back fatigue test, clause 6.7

Test results:

| Seat force N | Back force N | Number of cycles | Remarks |
|-----------------|-----------------|---------------------|------------|
| 1.000 | 330 | 50.000 | No defects |

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

Bending moment to the back: 100 Nm

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TEST REPORT**201825 / 4**Date received: 08/09/15
Date of test: 13/10/15
Date of issue: 15/10/15

Sample name: Chair STELLA

SAVAS PLASTIK SAN. VE. TIC. A.S.
BEYSAN SAN. SIT. BIRLIK CAD. NO: 18-BEY.
34524 ISTANBUL
TR - TURKEY**Leg forward static load test EN 1728:2000**

Leg forward static load test, clause 6.12

Test results:

| Forward horizontal force N | Balancing seat load kg | Number of cycles | Remarks |
|-------------------------------|---------------------------|------------------|------------|
| 360 | 100 | 10 | No defects |

Note:

According to EN 1728:2000, horizontal force has been reduced from 400 N to 360 N, to avoid tipping.

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TEST REPORT**201825 / 5**Date received: 08/09/15
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SAVAS PLASTIK SAN. VE. TIC. A.S.
BEYSAN SAN. SIT. BIRLIK CAD. NO: 18-BEY.
34524 ISTANBUL
TR - TURKEY**Leg sideways static load test EN 1728:2000**

Leg sideways static load test, clause 6.13


Test results:

| Sideways horizontal force N | Balancing seat load kg | Number of cycles | Remarks |
|--------------------------------|---------------------------|------------------|------------|
| 300 | 100 | 10 | No defects |

Note:

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TEST REPORT**201825 / 6**Date received: 08/09/15
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SAVAS PLASTIK SAN. VE. TIC. A.S.
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TR - TURKEY**Seat impact test EN 1728:2000**

Seat impact test, clause 6.15

Test results:

| Mass of impactor kg | Height of drop mm | Number of drops | Remarks |
|------------------------|----------------------|-----------------|------------|
| 25 | 180 | 10 | No defects |

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

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