



## PRODUCT DOCUMENT PACK

Prepared and distributed by KW Commercial Kitchen

### PRODUCT

## Siesta FL-118-10456 Cross Bar Stool 65cm (Counter Height)

**Model / SKU: FL-118-10456**

### KW COMMERCIAL KITCHEN

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Date received: 03/08/20

Date of issue: 25/08/20

Report consists of 8 test reports.

Defects before testing: None

Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)

ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## SAMPLE N° 294881

Overall dimensions: 440 x 530 x 1070 (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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Managing Director  
Dr. Andrea Giavon

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## SAMPLE N° 294881

Date of issue: 25/08/20  
Sample weight: Not determined  
Sample name: CROSS 75 cm bar stool



Side view



Rear view



Bottom view

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## TEST REPORT 294881 / 1

Revision: 0  
Date received: 03/08/20  
Date of test: 12/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

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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 294881 / 2

Revision: 0  
Date received: 03/08/20  
Date of test: 13/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
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### Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

#### Forwards overturning

|                                                               |   |                                        |
|---------------------------------------------------------------|---|----------------------------------------|
| Forwards overturning, clause 7.3.1                            | : | does not overturn                      |
| Forwards overturning for seating with foot rest, clause 7.3.2 | : | overturns with the vertical force only |
| Corner stability, clause 7.3.3                                | : | does not overturn                      |

#### Sideways overturning

|                                                                   |   |                   |
|-------------------------------------------------------------------|---|-------------------|
| Sideways overturning, all seating without arm rests, clause 7.3.4 | : | does not overturn |
| Seating with arm rests, clause 7.3.5.2                            | : | /                 |
| 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: 80 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 do not comply with the requirements in clause 7.2 of EN 1022:2018.

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## TEST REPORT 294881 / 3

Revision: 0  
Date received: 03/08/20  
Date of test: 17/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
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### Seat and back static load test EN 1728:2012+AC:2013

#### Test performed according to EN 581-2:2015

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

#### Test results:

| Seat load<br>N | Back force<br>N | Number<br>of cycles | Remarks    |
|----------------|-----------------|---------------------|------------|
| 1.600          | 410             | 10 x 10 s           | No defects |
| 1.600          | 410             | 1 x 30 min          | No defects |

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

| Seat load<br>N | Number<br>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, domestic level.

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## TEST REPORT 294881 / 4

Revision: 0  
Date received: 03/08/20  
Date of test: 17/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)

ULUS MAH. CATALCA YOLU CAD. NO: 597  
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TR - TURKEY

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

#### Test performed according to EN 581-2:2015

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

#### Test results:

| Seat force<br>N | Back force<br>N | Number<br>of cycles | Remarks    |
|-----------------|-----------------|---------------------|------------|
| 1.000           | 333             | 25.000              | 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, domestic level.

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**TEST REPORT**  
**294881 / 5**

Revision: 0  
Date received: 03/08/20  
Date of test: 20/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
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**Leg forward static load test EN 1728:2012+AC:2013**

**Test performed according to EN 581-2:2015**

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

Test results:

| Forward horizontal force<br>N | Balancing seat force<br>N | Number of cycles | Remarks    |
|-------------------------------|---------------------------|------------------|------------|
| 300                           | 1.000                     | 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, domestic level.

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## TEST REPORT 294881 / 6

Revision: 0  
Date received: 03/08/20  
Date of test: 20/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)

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

#### Test performed according to EN 581-2:2015

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

#### Test results:

| Sideways horizontal force<br>N | Balancing seat force<br>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, domestic level.

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**TEST REPORT**  
**294881 / 7**

Revision: 0  
Date received: 03/08/20  
Date of test: 20/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
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**Seat impact test EN 1728:2012+AC:2013**

**Test performed according to EN 581-2:2015**

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                  | 180               | point A                         | 10              | No defects |
| 25                  | 180               | 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, domestic level.

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**TEST REPORT**  
**294881 / 8**

Revision: 0  
Date received: 03/08/20  
Date of test: 20/08/20  
Date of issue: 25/08/20



Sample name: CROSS 75 cm bar stool

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

**Test performed according to EN 581-2:2015**

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

**Test results:**

| Force on foot rest<br>N | Number of cycles | Remarks    |
|-------------------------|------------------|------------|
| 1.000                   | 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, domestic level.

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