

Date of receipt: 04/03/21

Date of issue: 31/03/21

Report consists of 11 test reports.

Defects before testing: None

Sample name: SURFY DESK

GABER S.R.L.  
VIA TONIOLO 26  
31030 CASELLE DI ALTIVOLE (TV)  
ITALIA

## SAMPLE N° 307133

Overall dimensions: 1400 x 800 x 745 (h) mm

### List of test reports:

1. Tables and desks dimensions EN 527-1:2011
2. Office work tables: safety requirements EN 527-2:2016+A1:2019 clause 4.1 - 4.2
3. Office work tables: information for use EN 527-2:2016+A1:2019, clause 6
4. Horizontal static load test EN 1730:2012, clause 6.2
5. Vertical static load test EN 1730:2012, clause 6.3
6. Horizontal fatigue test EN 1730:2012, clause 6.4.2
7. Stiffness of the structure EN 1730:2012, clause 6.4.3
8. Vertical fatigue test EN 1730:2012, clause 6.5
9. Vertical impact test EN 1730:2012, clause 6.6
10. Drop test EN 1730:2012, clause 6.9
11. Stability under vertical load EN 1730:2012, clause 7.2



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**TEST REPORT**  
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Revision: 0  
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**GABER S.R.L.**  
VIA TONIOLO 26  
31030 CASELLE DI ALTIVOLE (TV)  
ITALIA

Sample name: SURFY DESK

**Tables and desks dimensions EN 527-1:2011**

Type of desk: rectangular desk, type C (fixed height)

Graphic symbols	Dimension	Dimensional requirements (mm)	Measured value (mm)	Comply with the values required by the standard
h1	Height of the work surface	740 ± 20	745	yes
t1	Maximum desk top thickness at the front	70	< 70	yes
t2	Maximum desk top thickness at 500 mm from the front edge	100	< 100	yes
Dimensional requirements determined by the straight line passing through points t1 and t2				yes
f1	Minimum height of minimum foot clearance (sitting only and sit/stand). From 600 mm to 800 mm from the front	120	> 120	yes
g1	Minimum legroom depth (sitting only and sit/stand)	800	> 800	yes
D	Minimum desk top depth	800	800	yes
W	Minimum legroom width (sitting only and sit/stand)	850	> 850	yes

Conformity to clause 4.2 of the standard EN 527-1:2011: **YES**

All linear measurements are rounded to the nearest 5mm.

Unless otherwise specified, measurement uncertainties expanded to a confidence level of about 95% are ±5 mm.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%.. Normally k=2.

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**Office work tables: safety requirements EN 527-2:2016+A1:2019 clause 4.1 - 4.2**

4.1 General requirements

Requirements	Observed	Remarks
All accessible edges and corners are free from burrs and rounded or chamfered	Yes	None
The edges and corners of the top surfaces are chamfered not less than 1 mm by 1 mm or rounded with a radius of not less than 2 mm	Yes	None
The ends of feet and tubular components are closed or capped	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

4.2.2 Shear and squeeze points under influence of powered mechanisms

Requirements	Observed	Remarks
Absence of shear and squeeze points under influence of powered mechanisms (distance between two accessible parts move relative to each other: > 25 and < 7 mm)	/	Powered mechanisms not present

4.2.3 Shear and squeeze points during use

Requirements	Observed	Remarks
Absence of shear and squeeze points created by forces applied during normal use or created by the user during normal movements and actions (distance between two accessible parts move relative to each other: > 25 and < 7 mm)	Yes	None

Note:

The test results comply with safety requirements of EN 527-2:2016+A1:2019 clause 4.1 - 4.2

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**Office work tables: information for use EN 527-2:2016+A1:2019, clause 6**

Information checked	Remarks
Information for use shall be available in the language of the country in which it will be delivered to the end user	Italian language

It shall contain at least the following details:

a) information regarding the intended use	Present
b) instruction for operating the adjusting mechanisms	Not applicable
c) instruction for the care and maintenance of the table	Present

Note:

Test results comply with requirements of EN 527-2:2016+A1:2019 clause 6

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GABER S.R.L.  
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**Horizontal static load test EN 1730:2012, clause 6.2**

Test results:

Direction of the force	Horizontal force N	Load on top kg	Number of cycles	Remarks
Longitudinal (F1)	450	50	10	No defects
Longitudinal (F2)	450	50	10	No defects
Transverse (F3)	400	50	10	No defects
Transverse (F4)	350	50	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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GABER S.R.L.  
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31030 CASELLE DI ALTIVOLE (TV)  
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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
100 mm from the edges of the top, in a corner	1000	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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**Horizontal fatigue test EN 1730:2012, clause 6.4.2**

Test results:

Direction of the force	Horizontal force N	Number of cycles	Load on top kg	Remarks
Longitudinal (Fa)	300	10.000	50	No defects
Longitudinal (Fb)	300	10.000	50	No defects
Transverse (Fc)	300	10.000	50	No defects
Transverse (Fd)	300	10.000	50	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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ITALIA

Sample name: SURFY DESK

**Stiffness of the structure EN 1730:2012, clause 6.4.3**

Table height: 745 mm

Maximum allowable distance travelled by point D: 17 mm/m

Test results:

Direction of the force	Horizontal force N	Load on top kg	Distance travelled by point D	remarks
Longitudinal	200	20	D1:11,21 mm/m	No defects
Transversal	200	20	D2: 4,09 mm/m	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c,d)

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GABER S.R.L.  
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**Vertical fatigue test EN 1730:2012, clause 6.5**

Type of surface tested: main surface

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top as far away from the supports as possible	400	10.000	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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Sample name: SURFY DESK

**Vertical impact test EN 1730:2012, clause 6.6**

Type of surface tested: main surface

Weight of the impact mass: 25 kg

Test results:

Point of impact: centre of the top

Drop height mm	Number of cycles	Remarks
140	10	No defects

Point of impact: 100 mm from the edge of the top as far away from the supports as possible

Drop height mm	Number of cycles	Remarks
140	10	No defects

Point of impact: 100 mm from the edges at one corner

Drop height mm	Number of cycles	Remarks
140	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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**Drop test EN 1730:2012, clause 6.9**

Force needed to lift one end of the table: 145 N

Test results:

Drop height mm	Number of drops	Side lifted	Remarks
100	6	right	No defects
100	6	left	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

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Sample name: SURFY DESK

**Stability under vertical load EN 1730:2012, clause 7.2**

Type of surface tested: main surface

Longest dimension of the table top (L): 1.400 mm

Test results:

Vertical force (N)	Remarks
750	The table does not tip

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with stability requirements of EN 527-2:2016+A1:2019 clause 4.3

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