

Date received: 16/10/20

Date of issue: 03/11/20

Report consists of 7 test reports.

Defects before testing: None

Sample name: SPOT 160x80

METALMECCANICA ALBA S.R.L.
VIA BOSCHIER 54/A
31020 SAN ZENONE DEGLI EZZELINI (TV)
ITALIA

SAMPLE N° 299271

Overall dimensions: 1600 x 800 x 735 (h) mm

List of test reports:

1. Non domestic tables: safety requirements EN 15372:2016 clause 5.1 - 5.2
2. Horizontal static load test EN 1730:2012, clause 6.2
3. Vertical static load test EN 1730:2012, clause 6.3
4. Horizontal fatigue test EN 1730:2012, clause 6.4.2
5. Vertical impact test EN 1730:2012, clause 6.6
6. Drop test EN 1730:2012, clause 6.9
7. Stability under vertical load EN 1730:2012, clause 7.2



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Managing Director
Dr. Andrea Giavon

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TEST REPORT

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Revision: 0
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Non domestic tables: safety requirements EN 15372:2016 clause 5.1 - 5.2

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
Ends of hollow components with $\varnothing > 7$ mm and < 12 mm where the accessible depth is > 10 mm: are closed or capped	Yes	None
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

5.2.2 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

5.2.3 Shear and squeeze points during use

Requirements	Observed	Remarks
Absence of shear and squeeze points created by forces applied during normal use, see: EN 15372:2016 - Table 2	Yes	None
Absence of shear and squeeze points created by the weight of the user during normal movements and actions	Yes	None

Note:

The test results comply with safety requirements of EN 15372:2016 clause 5.1 - 5.2

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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)	400	50	10	No defects
Longitudinal (F2)	400	50	10	No defects
Transverse (F3)	400	50	10	No defects
Transverse (F4)	400	50	10	No defects

Note:

- The test has been carried out according to Table 2 of EN 15372:2016 Test level 2
- The test results comply with strength and durability requirements of EN 15372:2016 clause 5.4.2 (a,b,c)

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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	1250	10	No defects
Geometrical centre of the top	1250	10	No defects

Note:

- The test has been carried out according to Table 2 of EN 15372:2016 Test level 2
- The test results comply with strength and durability requirements of EN 15372:2016 clause 5.4.2 (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	15.000	50	No defects
Longitudinal (Fb)	300	15.000	50	No defects
Transverse (Fc)	300	15.000	50	No defects
Transverse (Fd)	300	15.000	50	No defects

Note:

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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:

as close as possible to one point of support of the top but not less than 100 mm from any edge

Drop height mm	Number of cycles	Remarks
180	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
180	10	No defects

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

Drop height mm	Number of cycles	Remarks
180	10	No defects

Note:

- The test has been carried out according to Table 2 of EN 15372:2016 Test level 2
- The test results comply with strength and durability requirements of EN 15372:2016 clause 5.4.2 (a,b,c)

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Drop test EN 1730:2012, clause 6.9

Force needed to lift one end of the table: < 200 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 2 of EN 15372:2016 Test level 2
- The test results comply with strength and durability requirements of EN 15372:2016 clause 5.4.2 (a,b,c)

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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): 1.600 mm

Test results:

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

Note:

- The test has been carried out according to Table 2 of EN 15372:2016
- The test results comply with stability requirements of EN 15372:2016 clause 5.3.1

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