

Date received: 05-07-11

Date of issue: 21-07-11

Report consists of 9 test reports.

Defects before testing: None

Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA**TEST REPORT N° 130358**

Overall dimensions: 460 x 540 x 845 (h) mm

## List performed tests

1. Non-domestic seating. Safety requirements EN 15373:2007
2. Non-domestic seating. Vertical load on back rest EN 15373:2007
3. Seat front edge durability 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
7. Back impact test EN 1728:2000
8. Stability - EN 1022:2005
9. Non-domestic seating. Drop test EN 15373:2007



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Managing Director  
Dr. Andrea Giavon

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## TEST REPORT N° 130358

Date of issue: 21-07-11  
Sample weight: Not determined  
Sample name: KUADRA 1331



TEST REPORT

130358 / 1

Date received: 05-07-11  
Date of test: 12-07-11  
Date of issue: 21-07-11



Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA

**Non-domestic seating. Safety requirements EN 15373:2007**

Non-domestic seating. Safety requirements EN 15373:2007 - clauses 5.1 and 5.2

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not possible for any load bearing part of the seating to come loose unintentionally	No
Parts wich are lubricated: • All the parts wich are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 7 \text{ mm} \leq 18 \text{ mm}$ : • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use • Shear and squeeze points created by the weight of the user during normal movements and actions	Mechanism not present No No
Conformity to clauses 5.1 and 5.2 of standard EN 15373:2007:	<b>YES</b>

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TEST REPORT

130358 / 2

Date received: 05-07-11  
Date of test: 12-07-11  
Date of issue: 21-07-11



Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICI AL SERIO (BG)  
ITALIA

**Non-domestic seating. Vertical load on back rest EN 15373:2007**

Non-domestic seating: vertical static load on back rest - Annex A, clause A.2 EN 15373:2007

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.800	900	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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TEST REPORT

130358 / 3

Date received: 05-07-11

Date of test: 12-07-11

Date of issue: 21-07-11

Sample name: KUADRA 1331



PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA

**Seat front edge durability test EN 1728:2000**

Seat front edge durability test, clause 6.8

Test results:

Points of application	Seat force N	Number of cycles	Remarks
80 mm back from the front edge	1.000	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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*Dr. Andrea Giavon*

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TEST REPORT

130358 / 4

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Sample name: KUADRA 1331



PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
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**Leg forward static load test EN 1728:2000**

Leg forward static load test, clause 6.12

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
620	1.800	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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*Dr. Andrea Giavon*

**TEST REPORT****130358 / 5**

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Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA**Leg sideways static load test EN 1728:2000**

Leg sideways static load test, clause 6.13

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
360	1.800	10	No defects

Note:

According to EN 1728:2000, horizontal force has been reduced from 760 N to 360 N, to avoid tipping.

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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## TEST REPORT

130358 / 6

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Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA**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	300	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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Dr. Andrea Gravon



TEST REPORT

130358 / 7

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Sample name: KUADRA 1331

PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA

**Back impact test EN 1728:2000**

Back impact test, clause 6.16

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
68	6,5	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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*Managing Director  
Dr. Andreea Giavon*

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**TEST REPORT****130358 / 8**

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PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
24050 MORNICO AL SERIO (BG)  
ITALIA**Stability - EN 1022:2005**

Type of chair: four legs chair

Minimum horizontal force for rearwards overturning of fixed back chair: 163 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 163 N does not overturn

**Tilting chair in the rearmost position**

Loading discs on the seat : //

**Sideways overturning for chairs with arms**

Horizontal force : //

**Sideways overturning for chairs without arms**

Horizontal force : 20 N does not overturn

**Forwards overturning for chairs with footrest**

Horizontal force : //

Test passed

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Managing Director  
Dr. Andrea Giavon

TEST REPORT

130358 / 9

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Sample name: KUADRA 1331



PEDRALI S.P.A.  
STRADA PROVINCIALE 122  
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ITALIA

**Non-domestic seating. Drop test EN 15373:2007**

Non domestic seating. Drop test, Annex B EN 15373:2007

Backward fall test, clause B.2

Test results:

Number of drops	Remarks
5	No defects

Drop test from the height of a table, clause B.3

Test results:

Height of drop mm	Number of drops	Osservazioni
600	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 3 - severe.

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*Managing Director*  
Dr. Andrea Giavon