

Date received: 26/05/15

Date of issue: 15/06/15

Report consists of 9 test reports.

Defects before testing: None

Sample name: CHAIR OLIVIA WOOD

REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA**SAMPLE N° 196498**

Overall dimensions: 460 x 510 x 760 (h) mm

List performed tests:

1. Safety requirements EN 16139:2013+AC:2013
2. Leg forward static load test EN 1728:2012+AC:2013
3. Leg sideways static load test EN 1728:2012+AC:2013
4. Seat and back static load test EN 1728:2012+AC:2013
5. Seat and back fatigue test EN 1728:2012+AC:2013
6. Vertical load on back rest EN 1728:2012+AC:2013
7. Seat front edge durability test EN 1728:2012+AC:2013
8. Seat impact test EN 1728:2012+AC:2013
9. Back impact test EN 1728:2012+AC:2013



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Managing Director
Dr. Andrea Glavon

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SAMPLE N° 196498

Date of issue: 15/06/15
Sample weight: Not determined
Sample name: CHAIR OLIVIA WOOD



Side view



Rear view



Bottom view

TEST REPORT

196498 / 1

Date received: 26/05/15
Date of test: 01/06/15
Date of issue: 15/06/15

Sample name: CHAIR OLIVIA WOOD



REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

Safety requirements EN 16139:2013+AC:2013

Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Handles not present
Other edges: • 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 be 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 be possible for any load bearing part of the seating to come loose unintentionally	Yes
Parts which are lubricated: • All the parts which 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 and during normal movements and actions	Mechanism not present No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013:	YES

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TEST REPORT

196498 / 2

Date received: 26/05/15

Date of test: 01/06/15

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Sample name: CHAIR OLIVIA WOOD



REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

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

Leg forward static load test clause 6.15

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 16139:2013, level L2 - extreme.

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TEST REPORT

196498 / 3

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REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

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

Leg sideways static load test clause 6.16

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
550	1.800	10	No defects


Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

According to EN 1728:2012, horizontal force has been reduced from 700 N to 550 N, to avoid tipping.

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TEST REPORT

196498 / 4

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Sample name: CHAIR OLIVIA WOOD



REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

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

Seat and back static load test, clause 6.4

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	600	10	No defects

Note:

According to EN 1728:2012, back force has been reduced from 700 N to 600 N to avoid tipping.

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.600	10	No defects

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REXITE S.R.L.
VIA EDISON 7
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ITALIA

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

Seat and back fatigue test, clause 6.17

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	200.000	No defects

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TEST REPORT

196498 / 6

Date received: 26/05/15
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Sample name: CHAIR OLIVIA WOOD



REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Vertical static load on back rest clause 6.6

Test results:

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

Note:

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TEST REPORT

196498 / 7

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Sample name: CHAIR OLIVIA WOOD



REXITE S.R.L.
VIA EDISON 7
20090 CUSAGO (MI)
ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Seat front edge durability test clause 6.18

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front edge	800	100.000	No defects

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REXITE S.R.L.
VIA EDISON 7
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ITALIA

Seat impact test EN 1728:2012+AC:2013

Seat impact test clause 6.24

Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	300	10	No defects

Note:

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TEST REPORT

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REXITE S.R.L.
VIA EDISON 7
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ITALIA

Back impact test EN 1728:2012+AC:2013

Back impact test clause 6.25

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
48	6,5	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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