

Date received: 20/09/16

Date of issue: 10/11/16

Report consists of 9 test reports.

Defects before testing: None

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
ITALIA

## SAMPLE N° 220481

Overall dimensions: 550 x 580 x 850 (h) mm

### List performed tests:

1. Safety requirements EN 16139:2013+AC:2013
2. Seat and back static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Seat front edge durability test EN 1728:2012+AC:2013
5. Leg forward static load test EN 1728:2012+AC:2013
6. Seat impact test EN 1728:2012+AC:2013
7. Back impact test EN 1728:2012+AC:2013
8. Vertical load on back rest EN 1728:2012+AC:2013
9. Stability - EN 1022:2005



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Managing Director  
Dr. Andrea Giavon

Handwritten signature of Dr. Andrea Giavon in blue ink.

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## SAMPLE N° 220481

Date of issue: 10/11/16  
Sample weight: Not determined  
Sample name: Splash chair



Side view



Rear view



Bottom view

TEST REPORT

220481 / 1

Date received: 20/09/16

Date of test: 22/09/16

Date of issue: 10/11/16

Sample name: Splash chair



DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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	Yes
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	No
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:	<b>YES</b>

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TEST REPORT

220481 / 2

Date received: 20/09/16

Date of test: 22/09/16

Date of issue: 10/11/16

Sample name: Splash chair



DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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	700	10	No defects

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.600	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****220481 / 3**

Date received: 20/09/16

Date of test: 03/10/16

Date of issue: 10/11/16

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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

Note:

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

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TEST REPORT

220481 / 4

Date received: 20/09/16

Date of test: 26/10/16

Date of issue: 10/11/16

Sample name: Splash chair



DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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

Note:

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

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**TEST REPORT****220481 / 5**

Date received: 20/09/16

Date of test: 08/11/16

Date of issue: 10/11/16

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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:

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**TEST REPORT****220481 / 6**

Date received: 20/09/16

Date of test: 08/11/16

Date of issue: 10/11/16

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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:

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

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TEST REPORT

220481 / 7

Date received: 20/09/16

Date of test: 08/11/16

Date of issue: 10/11/16

Sample name: Splash chair



DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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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**TEST REPORT****220481 / 8**

Date received: 20/09/16

Date of test: 09/11/16

Date of issue: 10/11/16

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
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:

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

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## TEST REPORT

220481 / 9

Date received: 20/09/16

Date of test: 09/11/16

Date of issue: 10/11/16

Sample name: Splash chair

DIEMMEBI S.P.A.  
VIA DELL'INDUSTRIA 14  
31029 VITTORIO VENETO (TV)  
ITALIA**Stability - EN 1022:2005**

Type of chair: fixed geometry

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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