

Date received: 06/03/18

Date of issue: 21/03/18

Report consists of 4 test reports.

Defects before testing: None

Sample name: VOLT

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

## SAMPLE N° 247354

Overall dimensions: 500 x 530 x 780 (h) mm

### List performed tests:

1. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
2. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15
3. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6
4. Stability test ANSI-BIFMA X5.1-2017/11



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*Managing Director  
Dr. Andrea Giavon*

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

## SAMPLE N° 247354

Date of issue: 21/03/18  
Sample weight: Not determined  
Sample name: VOLT



Side view



Rear view



Bottom view

**TEST REPORT**

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**Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10**

**Seat impact test**

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

**Front corner load-ease test - cyclic -off-center**

Test results:

Seat load N	Number of cycles	Remarks
890	20.000	No defects

Test passed

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TEST REPORT

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**Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15**

Type of chair: Type III

Test results:

Number of cycles	Seat load kg	Force application points on the backrest	Backrest force N	Remarks
80.000	109	Center of the backrest	334	No defects
20.000	109	102 mm right from the center	334	No defects
20.000	109	102 mm left from the center	334	No defects

Test passed

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TEST REPORT

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**Backrest strength test - Static ANSI-BIFMA X5.1-2017/6**

Type of chair: Type III

Test results:

Back load N	Time of application (minutes)	Remarks
667	1	No defects
1.001	1	No defects

Test passed

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TEST REPORT

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**Stability test ANSI-BIFMA X5.1-2017/11**

Type of chair: Type III

Rear stability for chair type III

Seat load: 60 kg  
Minimum force required: 145 N  
Measured force: > 145 N

Rear stability for chair type I and II

Loading discs on the seat //

Note: does not overturn

Front stability

Vertical load: 61 kg  
Minimum force required: 20 N  
Measured force: > 20 N

Test passed

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