

Report ID: 348288  
Date of sample receipt: 10/05/23  
Date of issue: 19/06/23

BRADO S.P.A.  
VIA CAL DI MEZZO 3  
31049 VALDOBBIADENE (TV)  
ITALIA

Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

## SAMPLE N° 348288

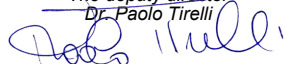
Overall dimensions: 560 x 500 x 780 (h) mm

### List of test reports:

1. Stability test ANSI-BIFMA X5.1-2017/11(2022)
2. Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24(2022)
3. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)
4. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15(2022)
5. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10(2022)
6. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6(2022)



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*The deputy director*  
*Dr. Paolo Tirelli*  


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## SAMPLE N° 348288

Date of issue: 19/06/23  
Sample weight: Not determined  
Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)



Side view



Rear view



Bottom view

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## TEST REPORT

**348288 / 1**

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 10/05/23  
Date of issue: 19/06/23



Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

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## Stability test ANSI-BIFMA X5.1-2017/11(2022)

Test carried out on sample 3 of 3.

Type of chair:	Type III		
Clause 11.3.1			
Rear stability for chair type III			
Seat load:	60	kg	
Minimum force required :	141	N	
Measured force:	> 160	N *	Does not overturn
Clause 11.3.2			
Rear stability for chair type I and II			
Loading discs on the seat:	/		
Clause 11.4			
Front stability			
Vertical load:	61	kg	
Minimum force required:	20	N	
Measured force:	> 20	N	Does not overturn

The test results comply with the requirements in clause 11.3.1.3 and 11.4.4 of ANSI-BIFMA X5.1-2017(2022).

\* Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is  $\pm 5\%$ .

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally  $k=2$ .

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# TEST REPORT

## 348288 / 2

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 11/05/23  
Date of issue: 19/06/23



Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

BRADO S.P.A.  
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## Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24(2022)

Test carried out on sample 2 of 3.

Type of chair: Type III

Seat height: 475 mm

Test results:

Seat load kg	Horizontal Force N	Number of cycles	Remarks
109	334	25.000	No defects

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.1-2017(2022).

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**TEST REPORT**

**348288 / 3**

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 15/05/23  
Date of issue: 19/06/23



Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

BRADO S.P.A.  
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**Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7(2022)**

Test carried out on sample 2 of 3.

Type of chair: Type III

Height of drop: 152 mm above the uncompressed seat surface

**Test results:**

Bag weight kg	Number of drops	Remarks
102	1	No defects
136	1	No defects

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.1-2017(2022).

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# TEST REPORT

**348288 / 4**

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 19/05/23  
Date of issue: 19/06/23



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Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

## Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15(2022)

Test carried out on sample 3 of 3.

Type of chair: Type III  
Backrest height: < 452 mm  
Backrest widths: < 406 mm

### Test results:

Number of cycles	Seat load kg	Force application points on the backrest	Backrest force N	Remarks
120.000	109	Center of the backrest	334	No defects

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.1-2017(2022).

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## TEST REPORT

**348288 / 5**

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 22/05/23  
Date of issue: 19/06/23



Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

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### Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10(2022)

Test carried out on sample 1 of 3.

Type of chair: Type III

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

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.1-2017(2022).

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**TEST REPORT**

**348288 / 6**

Revision: 0  
Date of sample receipt: 10/05/23  
Date of test: 30/05/23  
Date of issue: 19/06/23



Sample name: PAPILLON 4 legs PP\_K280/A\_(P1322)

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**Backrest strength test - Static ANSI-BIFMA X5.1-2017/6(2022)**

Test carried out on sample 1 of 3.

Type of chair: Type III

Backrest height: < 452 mm

Test results:

Back load for each seating position N	Time of application (minutes)	Remarks
667	1	No defects
1.001	1	No defects

The test results comply with the requirements in clause 6.5 of ANSI-BIFMA X5.1-2017(2022).

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