

Date received: 13/05/19

Date of issue: 20/06/19

Report consists of 4 test reports.

Defects before testing: None

Sample name: SEDIA TO-BE 4 GAMBE

SEGIS S.P.A.
VIA UMBRIA, 14 – LOC. FOSCI
53036 POGGIBONSI (SI)
ITALIA

SAMPLE N° 271345

Overall dimensions: 570 X 560 X 820 (h) mm

List of test reports:

1. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
2. Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24
3. Stability test ANSI-BIFMA X5.1-2017/11
4. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6



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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 required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

SAMPLE N° 271345

Date of issue: 20/06/19
Sample weight: Not determined
Sample name: SEDIA TO-BE 4 GAMBE



Side view



Rear view



Bottom view

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TEST REPORT

271345 / 1

Revision: 0
Date received: 13/05/19
Date of test: 27/05/19
Date of issue: 20/06/19



Sample name: SEDIA TO-BE 4 GAMBE

SEGIS S.P.A.
VIA UMBRIA, 14 - LOC. FOSCI
53036 POGGIBONSI (SI)
ITALIA

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

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

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TEST REPORT

271345 / 2

Revision: 0
Date received: 13/05/19
Date of test: 10/06/19
Date of issue: 20/06/19



Sample name: SEDIA TO-BE 4 GAMBE

SEGIS S.P.A.
VIA UMBRIA, 14 - LOC. FOSCI
53036 POGGIBONSI (SI)
ITALIA

Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24

Type of chair: Type III

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

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TEST REPORT

271345 / 3

Revision: 0
Date received: 13/05/19
Date of test: 14/06/19
Date of issue: 20/06/19



Sample name: SEDIA TO-BE 4 GAMBE

SEGIS S.P.A.
VIA UMBRIA, 14 - LOC. FOSCI
53036 POGGIBONSI (SI)
ITALIA

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

Type of chair: Type III

Clause 11.3.1

Rear stability for chair type III

Seat load:	60	kg	
Minimum force required :	145	N	Does not overturn
Measured force:	164	N	

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	Does not overturn
Measured force:	> 30	N	

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

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is ± 2 N.

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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