

Test Report

Mechanical Testing According To ANSI/BIFMA X5.4-2020
of

CHAISE #2 – ROUGE

Code: 10M-18-118

ALPHA-VICO

1035, boul. Magenta Est
Farnham, Quebec
J2N 1B9

Attention of:

Annie Trépanier

Report No.

MI-24-17064-2-M

Report Date

June 10, 2025

Prepared and approved by

Anne-Marie Comtois, ing.
Laboratory Supervisor

The tests performed on the sample are as follows:

TESTS SUMMARY:

ANSI/BIFMA X5.4-2020

14	Seating Durability Test – Cyclic	COMPLIES
15	Drop Test – Dynamic	COMPLIES
21	Stability test	COMPLIES
24	Structural Durability Test - Cyclic	COMPLIES

CHAISE #2 – ROUGE



PRODUCT TESTED: CHAISE #2 – ROUGE

TEST METHOD: ANSI/BIFMA X5.4-2020, PUBLIC AND LOUNGE SEATING

TEST PERFORMED: 14 – Seating Durability Test – Cyclic
(See appended photograph #1)

DATE OF TEST: May 25, 2025

TEST PARAMETERS:

Drop height (in)	Bag Weight (lb)	Completed cycles	Cycling rate (cpm)
1.4	125	100 000	22

ACCEPTANCE CRITERIA:

There shall be no loss of serviceability to the unit

COMPLIANCE STATUS:

COMPLIES

Photograph #1

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PRODUCT TESTED: CHAISE #2 – ROUGE

TEST METHOD: ANSI/BIFMA X5.4-2020, PUBLIC AND LOUNGE SEATING

TEST PERFORMED: 15 – Drop Test - Dynamic

(See appended photograph #2)

DATE OF TEST: June 9, 2025

TEST PARAMETERS:

Functional Load	225 lb
Proof Load	300 lb
Drop height:	6 in.
Number of seating positions	1

ACCEPTANCE CRITERIA:

Functional Load:	A functional load applied once to each seating position shall cause no loss of serviceability
Proof Load	A proof load applied once to each seating position shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable

COMPLIANCE STATUS:

Functional Load	COMPLIES
Proof Load	COMPLIES

Photograph #2



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PRODUCT TESTED: CHAISE #2 – ROUGE

TEST METHOD: ANSI/BIFMA X5.4-2020, PUBLIC AND LOUNGE SEATING

TEST PERFORMED: 21 – Stability Test

Rear stability (See appended photograph #3)

Front stability (See appended photograph #4)

DATE OF TEST: June 3, 2025

TEST PARAMETERS:

Rear stability:

Chair type	Force applied (lbf)
Non-Tilting	>44

Front stability:

Unit weight (lb)	Force applied (lbf)
<80	8.5

ACCEPTANCE CRITERIA:

Rear Stability: The unit shall not tip over
Front Stability: The unit shall not tip over as a result of the applied force.

COMPLIANCE STATUS:

Rear Stability COMPLIES
Front Stability COMPLIES

Photograph #3



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Photograph #4



PRODUCT TESTED: CHAISE #2 – ROUGE

TEST METHOD: ANSI/BIFMA X5.4-2020, PUBLIC AND LOUNGE SEATING

TEST PERFORMED: 24 - Structural Durability Test - Cyclic
(See appended photograph #5)

DATE OF TEST: June 4, 2025

TEST PARAMETERS:

Load on seat (lb):	240
Horizontal force applied (lbf):	75
Completed cycles:	25,000
Cycle rate (CPM):	15

ACCEPTANCE CRITERIA

There shall be no loss of serviceability to the chair.

COMPLIANCE STATUS

COMPLIES

Photograph #5

