

Laboratory Testing Report

Report # 24032

Project Information

Client: Salice America Inc.	Date: 03/19/2024
Client Address: 2123 Crown Centre Dr. Charlotte, NC 28227	Page: 1 of 2
Client PO: 30124	

Test Information

Sample Description: 21" G5E6S550XX Drawer Slides
Specification: ANSI/BHMA A156.9 Standard Duty Grade 1
Test Date: 03/12/2024 – 03/18/2024
Notes: Drawer size 24"w x 22"d. Include AFCGXX3B locking clips with sample.

Results

Overall results: Pass

Results by Section

ANSI/BHMA A156.9-2020 Section 4.11.4.1 "Out Stop Test"

Test Description

Place an initial load of 50 lbs. Open Test drawer at a rate not to exceed 12in/sec (305mm/sec). Measure and record the maximum drawer opening force. Next, Measure and record warning or stop position force.

Acceptance Level

With a warning stop, the force required to open a drawer through the warning stop position shall increase to at least 2 times the normal drawer operating force. With a stop position, the force required to open a drawer through the stop position shall increase to at least 10 times the normal drawer operating force.

Results Pass

ANSI/BHMA A156.9-2020 Section 4.11.4.2 "Cycle Test"

Test Description

Place an initial load of 50 lbs. Operate drawer through 50,000 cycles at a rate of 10 +/- 2 cycles per minute. One cycle consists of opening the drawer to 2/3 of its total travel to within 1/4" of the warning or stop position.

Acceptance Level

The slide shall be completely operable after cycle life test.

Results Pass

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Results

Overall results: **PASS**

Results by Section

ANSI/BHMA A156.9-2020 Section 4.11.4.3 "Static Load Test"

Test Description

After the cycle test and without removing the initial test load, the specified edge load (75lbs) shall be slowly and carefully applied normal to the plane of the drawer bottom and on the center line of the drawer front when the drawer is opened to half of its total travel to the stop or warning stop position. The load shall be applied for 1 minute.

Acceptance Level

The tested drawer shall support the specified initial test load without a sudden collapse.

Results **Pass**

Certified by:



Rob Rutledge, P.E.
Mechanical Engineer