

# INTEGRITY TESTING LABORATORIES

## CLIENT:

Hardware Resources  
4319 Marlena Street  
Bossier City, LA 71111  
Attention: Greg Davis



PARTICIPANT



LABORATORY NO: F2504151-4

DATE: May 22, 2025

CLIENT P.O. NO.: email

STANDARD: ANSI/BHMA A156.9-20

**SAMPLE 15" FLAT COUNTERTOP SUPPORT BRACKET P/N CTOPSUP15,  
(Three brackets installed on 12" centers as per mfg instructions)**

## ABSTRACT

This report serves to document the testing of the above sample to all applicable test paragraphs of ANSI/BHMA A156.9-20, American national standards for cabinet hardware. Test procedures include a static load test and an impact load test. The remainder of this report will show how the shelf supports submitted for testing **met the requirements needed for conformance** to the standard.

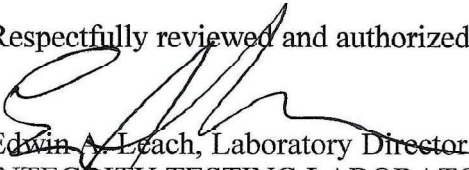
## RESULTS

| DETERMINATION                          | OBSERVATION                                                                                                                                                                                                             | ANSI/BHMA REQUIREMENT                                                                                                                                                                                                                         | RESULT      |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Static load test<br>BHMA section 4.9.6 | The shelf support assemblies maintained the required loads without any structural breakage or loss of serviceability.                                                                                                   | With the specified test fixture, the samples shall support a specified static load for five minutes.<br><b>15" = 180 lb/set of three brackets</b>                                                                                             | <b>PASS</b> |
| Impact load test<br>BHMA section 4.9.7 | The shelf support assembly remained intact without any structural breakage or loss of serviceability after the additional impact load of 20 in-lbf. The total shelf deflection was recorded to be <b>2.35 degrees</b> . | With the specified load remaining on the shelf support test fixture, the samples shall withstand an additional impact load of 20 in-lbf. After the impact the total shelf deflection shall not exceed 3 degrees from the original measurement | <b>PASS</b> |

## CONCLUSION

The above sample submitted for testing **met all of the test requirements and conforms** to ANSI/BHMA 156.9-2020 for **Grade 2** products when installed as specified in the sample section of this report.

Respectfully reviewed and authorized,

  
Edwin A. Leach, Laboratory Director  
INTEGRITY TESTING LABORATORIES



Integrity Testing, 3959 S.W. 12<sup>th</sup> Court, Ft. Lauderdale, FL 33312 - Phone: (714) 321-0191

This report applies only to the sample or samples submitted for testing and is not necessarily indicative of the quality or condition of apparently identical or similar products. Samples were submitted as received, directly by the client along with all descriptors, names, models, or ID, no sampling procedures were performed by these laboratories. Client provided samples can affect reported results. No external service providers were utilized for the reported determinations. As a mutual protection to clients, the public, or these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed, and upon that condition that it not be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these laboratories. Where statements of conformity are made in testing reports, the following decision rules are applied: **PASS** - Results within limits/specifications - **FAIL** - Results exceed limits/specifications. All laboratory procedures were performed in compliance with ISO/IEC 17025:2017  
C:\Drive-Sync\INTEGRITY\Integrity Documents\FURNITURE REPORTS\Hardware resources\F2504151-4 Countertop bracket - 15in - CTOPSUP15 - BHMA.docx