



hush.
acoustics

ASTM D1037-12

Impact Resistant

Quiet by Design

Overview

REPORT ISSUED TO
HUSH ACOUSTICS INC
31 Limestone Bay
PO Box 1158
Stonewall, MB, R0C2Z0
Canada

Report No.: 106410546COQ-001
Date: 02/09/26

Attention: This document serves as a summary of the original certificate. Please contact the sales team to request the original document.

Summary

SECTION 1 · SCOPE

IB&C was contracted by Hush Acoustics Inc, 31 Limestone Bay, PO Box 1158, Stonewall, MB, R0C 2Z0, Canada, to perform Falling Ball Impact testing in accordance with ASTM D1037-12 (Reapproved 2020), Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials, on their APET Fiberboard product. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at the Intertek test facility in Coquitlam, BC, Canada.

Unless differently required, IB&C reports apply the “Simple Acceptance” rule also called “Shared Risk approach,” of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

SECTION 2 · SUMMARY OF TEST RESULTS

TABLE 1. TEST RESULTS		
PROPERTY	RESULT	OBSERVATION
Falling Ball Impact	> 108 in. (9 ft.)(1)	Approximately 1/8 in. residual indentation on top surface; no damage to bottom surface.

Note (1) – Product exceeded equipment limitation and test was stopped at 108 in. (9 ft.) drop height.

SECTION 3 · TEST METHOD

The specimens were evaluated in accordance with the following:

ASTM D1037-12 (Reapproved 2020), Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials, Section 21 – Falling Ball Impact

SECTION 4 · MATERIAL SOURCE/ INSTALLATION

The client submitted the fiberboard samples to

the Evaluation Center on January 15, 2026 (Coquitlam ID# VAN2601151200-001). The samples were received in good condition and were suitable for testing unless noted otherwise. The samples were not independently selected for testing.

SECTION 5 · EQUIPMENT

Calibration of test equipment was performed by Intertek B&C in accordance with ISO 17025 requirements.

SECTION 6 · LIST OF OFFICIAL OBSERVERS

SECTION 7 · CONDITIONING

Unless stated otherwise, the test specimen materials were held in standard laboratory conditions at a temperature of $23 \pm 2^{\circ}\text{C}$ ($73.4 \pm 4^{\circ}\text{F}$) and relative humidity of $50 \pm 2\%$ until equilibrium.

FALLING BALL IMPACT

Falling ball impact was conducted in accordance with ASTM D1037-12 (2020). Five (5) specimens, measuring 9 in. x 10 in., were prepared for testing. Samples were placed between two 1-1/2 in. thick plywood frames and clamped securely in place using carriage bolts. The frame and specimen were supported solidly during the test. A 2 in. (50 mm) diameter steel ball was dropped in the center of the specimen in increments of 1 in. (25 mm). The drop height was measured from the bottom of the ball to the top surface of the specimen. This continued until a visible fracture was produced on the top and bottom surface of the specimen. The height of drop that produced the visible fractures on each surface were recorded.

SECTION 8 · TEST SPECIMEN DESCRIPTION

The sample was identified as APET Fiberboard, measuring approximately 0.95 in. (24 mm) thick.

SECTION 9 · TEST RESULTS

A summary of the test results is presented in Section 2 of this test report. See Appendices for a full set of test data.

SECTION 10 · CONCLUSION

The Hush Acoustics Inc APET Fiberboard product identified and evaluated in this report has been tested for Falling Ball Impact per ASTM D1037-12 (Reapproved 2020), Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials. As there is no pass/fail criteria in the test standard, results were as reported and detailed in Section 2.

Drop Height (in)	Sample				
	#1	#2	#3	#4	#5
1	Pass	Pass	Pass	Pass	Pass
2	Pass	Pass	Pass	Pass	Pass
3	Pass	Pass	Pass	Pass	Pass
4	Pass	Pass	Pass	Pass	Pass
5	Pass	Pass	Pass	Pass	Pass
6	Pass	Pass	Pass	Pass	Pass
7	Pass	Pass	Pass	Pass	Pass
8	Pass	Pass	Pass	Pass	Pass
9	Pass	Pass	Pass	Pass	Pass
10	Pass	Pass	Pass	Pass	Pass
...
107	Pass	Pass	Pass	Pass	Pass
108	Pass	Pass	Pass	Pass	Pass

Obs.: Product exceeded equipment limitation; no failure at 108 in. (9 ft.) drop height. Residual indent approximately 1/8 in. on top side; no damage to bottom side.