



Farabaugh Engineering and Testing Inc.

Project No. T119-24(1)

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PERFORMANCE TEST REPORT

STEEL BALL DROP TEST (CLASS 4 FOR UL 2218)

ON

ULTIMATE BATH/DRYER VENT

FOR

**LIFETIME TOOL & BUILDING PRODUCTS LLC
231 AVIATION DRIVE
WINCHESTER, VA 22602**

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DADE COUNTY
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Objective:

The purpose of this testing was to determine the strength of the dryer vent hood.

Test Specimen

Manufacturer: Lifetime Tool & Building Products LLC
231 Aviation Drive
Winchester, VA. 22602

Specimen: Ultimate Bath/Dryer Vent. Size: 11-1/8” wide x 14-1/8” long.

Steel Ball: 2” diameter x 1.18 lb (actual weight) steel ball

Test Date Finished:

1/11/24

Installation

The roof vent was attached down to a 2’-0” x 2’-0” wood platform base with wood fasteners. The specimen was placed right underneath a drop tube.

Test Procedure

The test was conducted using the test procedures per a Modified UL 2218 Steel Ball Drop Testing and conducted on one specimen. The specimen was then impacted at the center of top cap of the dryer vent using a 2” diameter steel ball from a location of 20’ above specimen (Classification for a CLASS 4 Rating under UL 2218). Specimen was hit in same location twice. Any failures or damage to vent were recorded. See photo showing actual test setup of specimen.

DROP BALL TEST RESULTS

Test Date: JAN-11-24

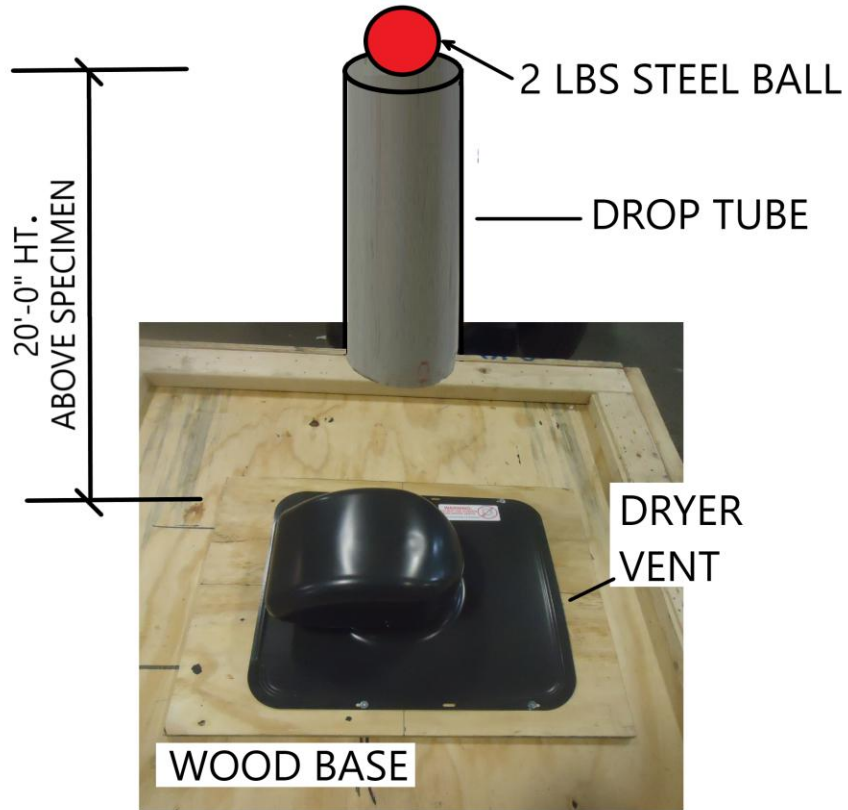
DROP BALL TEST	
DROP #	COMMENTS
1	No failure. Slight dent.
2	No failure Slight dent.

Note: Specimen hit twice in same location.

RESULTS:

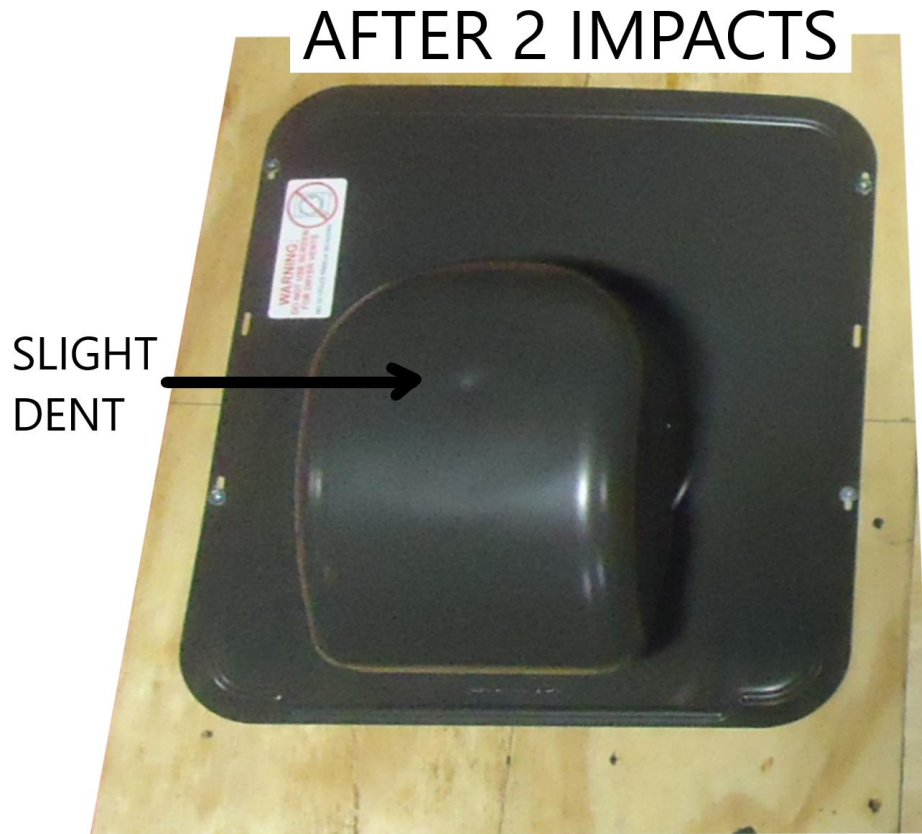
Specimen meets a CLASS 4 using a 2” diameter steel ball dropped from 20 ft height.

TEST SET-UP



DROP BALL TEST





Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	2/1/24	NA	Original report issue
1	4/7/25	PG 1	Added Revision Date and added Class 4
1	4/7/25	Pg 2 & pg 4	Revised to show Class 4 and showed the ball weight to be 1.18lbs. Added Revision log with statement. Also revised address of manufacturer.

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