



# Farabaugh Engineering and Testing Inc.

---

Project No. T119-24

Report Date: February 1, 2024

No. of Pages: 4 (inclusive)

PERFORMANCE TEST REPORT

**STEEL BALL DROP TEST**

ON

**ULTIMATE BATH/DRYER VENT**

FOR

**LIFETIME TOOL & BUILDING PRODUCTS LLC  
250 AIRPORT ROAD  
WINCHESTER, VA 22602**

Prepared by:

Paul G. Farabaugh

Approved by:

Daniel G. Farabaugh



DADE COUNTY  
ACCREDITED  
LABORATORY



AAMA  
ACCREDITED  
LABORATORY



TEXAS  
ACCREDITED  
LABORATORY



FLORIDA  
ACCREDITED  
LABORATORY  
& QC ENTITY

Project No. T119-24

**Objective:**

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

**Test Specimen**

Manufacturer: Lifetime Tool & Building Products LLC  
250 Airport Road  
Winchester, VA. 22602

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

Steel Ball: 2” diameter x 2 lb 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 lb steel ball from a location of 20’ above specimen. 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

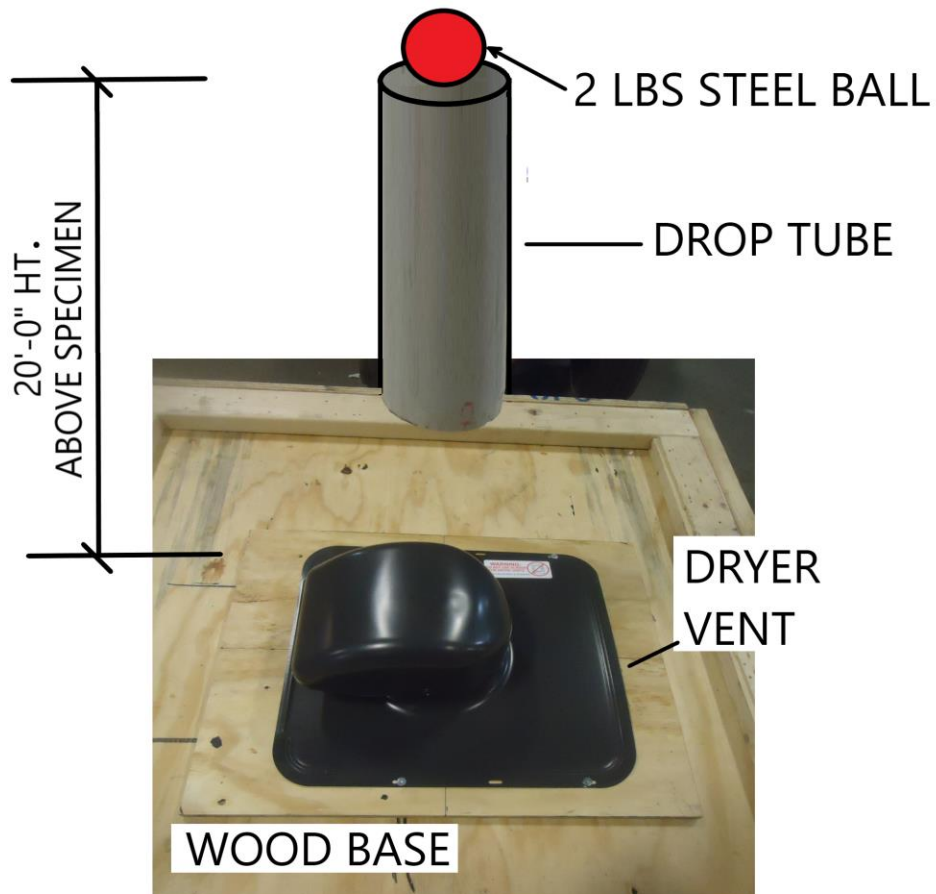
Test Date: JAN-11-24

### DROP BALL TEST

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

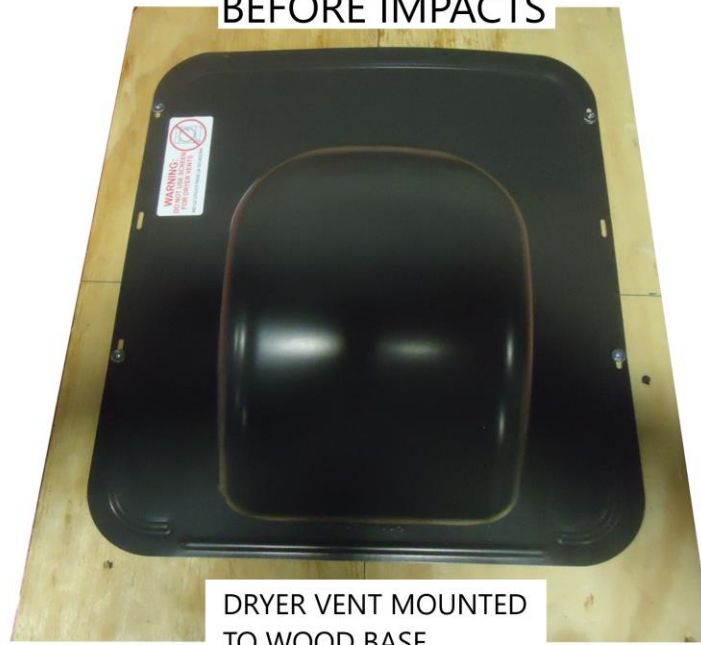
Note: Specimen hit twice in same location.

## TEST SET-UP



## DROP BALL TEST

BEFORE IMPACTS



AFTER 2 IMPACTS

SLIGHT  
DENT

