



## Farabaugh Engineering and Testing Inc.

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Project No. T184-11

Report Date: April 28, 2011

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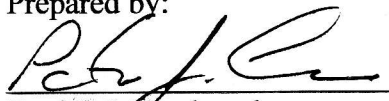
### PERFORMANCE TEST REPORT FM 4471, APPENDIX G

ULTIMATE PIPE FLASHING

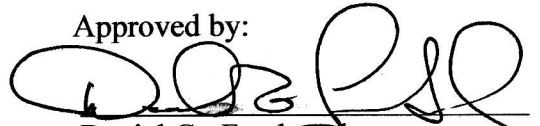
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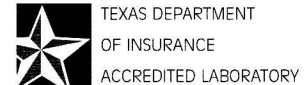
LIFETIME TOOL & BUILDING PRODUCTS  
P.O. BOX 126  
BLUEMONT, VA 20135

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## **PERFORMANCE TEST REPORT**

### **Manufacturer**

Lifetime Tool & Building Products  
P. O. Box 126  
Bluemont, VA 20135

### **Product Identification**

Test Specimen: Ultimate Pipe Flashing

### **Test Assembly**

The test specimen was the Ultimate Pipe Flashing comprised of a Kynar coated galvanized steel embodiment plate attached to a silicone pipe boot with a PVC Molded Compression Collar. The specimen was assembled over a 3" Schedule 40 plastic pipe. The PVC collar was fitted over the silicone pipe boot to provide a weather tight seal to the pipe. The steel embodiment plate was sealed to the perimeter chamber frame. The top of the pipe opening was sealed closed.

### **Test Procedure**

The tests were conducted in accordance with the Factory Mutual Research Corporation Specification 4471-95, Appendix G, Susceptibility to Leakage Test Procedures for Class 1 Panel Roofs and as provided herein. Test data was recorded and is shown on the attached data sheets for each test. The test chamber was modified to isolate the test specimen only. The testing was limited to testing the seal between the silicone boot to the pipe and the seal between the silicone boot and the steel embodiment plate under static water pressure head.

## TEST DATA

**TEST START DATE:** 4-21-11

**SPECIMEN:** Ultimate Pipe Flashing

**MANUFACTURER:** Lifetime Tool & Building Products

### STATIC WATER LEAKAGE TEST

DAY	WATER DEPTH	RESULTS
1	6"	No leakage
2	6"	No leakage
3	6"	No leakage
4	6"	No leakage
5	6"	No leakage
6	6"	No leakage
7	6"	No leakage

**RESULTS:** No signs of water leakage after 7 days of 6" water head.