



## Fire Resistance Performance Evaluation of a Penetration Firestop System Tested in Accordance with ASTM E814-13A: Standard Test Method for Fire Tests of Penetration

<https://research.thinkwood.com/en/permalink/catalogue709>

Author: Albracht, Natasha  
 Organization: American Wood Council  
 Year of Publication: 2015  
 Country of Publication: United States  
 Format: Report  
 Material: CLT (Cross-Laminated Timber)  
 Topic: Design and Systems  
 Fire  
 Keywords: Through-Penetration  
 Firetop Systems  
 fire barrier  
 Language: English  
 Research Status: Complete

**Summary:**

The objective of the test described in this report was to evaluate the ability of multiple through-penetrations to provide a fire barrier. This test also evaluated the ability of the through-penetrations to maintain their structural integrity when subjected to a hose stream test following the fire exposure. Testing was conducted on September 30, 2015 at Southwest Research Institute's (SwRI) fire Technology Department, located in San Antonio, Texas, for American Wood Council, located in Leesburg, Virginia.

Copyright: Courtesy, American Wood Council, Leesburg, VA  
 Online Access: Free

**Resource Link**

[http://www.awc.org/pdf/awc/AWC-E814\\_Penetration\\_Firestop\\_in\\_CLT-Final\\_Report.pdf](http://www.awc.org/pdf/awc/AWC-E814_Penetration_Firestop_in_CLT-Final_Report.pdf)