



September 9, 2005

Flame Tech Inc.
Mr. Jason Lynch
5180 Indiana Ave.
Winston-Salem, NC 27106

Our Reference: File R22007, Project 04CA11323

Dear Mr. Lynch:

This will update the status of the above referenced project covering the fire testing of through-penetration firestop systems in accordance with Standard UL 1479 with your Fire Seal Firestopping Caulk.

The 2 hr fire endurance and hose stream test was conducted on September 9, 2005 and the test results were successful. All four openings with firestop systems performed in accordance with the requirements of the Standard. A brief summary of the firestop systems tested is provided below.

Opening No.	Penetrant *	Firestop System
1	6 in. diam Type L copper tube installed eccentrically (min 0 in. annular) within 8 in. diam opening	Mineral wool (6 pcf) tightly packed into annular space and recessed 1 in. from top surface of floor slab. 1 in. thickness of Flame Tech Fire Seal Firestopping Caulk applied within the annular space, flush with top surface of floor slab.
2	4 in. diam Blank Opening with no penetrants.	Mineral wool (6 pcf) tightly packed into annular space and recessed 1 in. from top surface of floor slab. 1 in. thickness of Flame Tech Fire Seal Firestopping Caulk applied within the annular space, flush with top surface of floor slab.
3	4 in. diam EMT installed eccentrically (min 0 in. annular space) within 6 in. diam opening.	Mineral wool (6 pcf) tightly packed into annular space and recessed 1 in. from top surface of floor slab. 1 in. thickness of Flame Tech Fire Seal Firestopping Caulk applied within the annular space, flush with top surface of floor slab.
4	3 in. diam cable bundle* installed eccentrically (min 0 in. annular) within 4 in. diam opening.	Mineral wool (6 pcf) tightly packed into annular space and recessed 1 in. from top surface of floor slab. 1 in. thickness of Flame Tech Fire Seal Firestopping Caulk applied within the annular space, flush with top surface of floor slab.



* Cable bundle consisted copper conductor cables of the following types: of 3/C, 2/0 power and control cable, 350 kcmil cable with PVC jacketing, 25 pr, 24 AWG telephone cable and 7/C, 12 AWG cable with PVC jacketing.

Based on the successful test results, we will proceed with establishing Classification for the Flame Tech sealant along with preparing four new through-penetration firestop systems for promulgation in the Fire Resistance Directory.

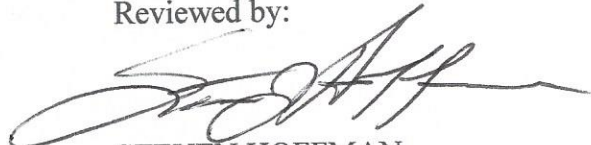
Thanks, and if you have any further questions, please contact us.

Very truly yours,



MARGARET FIGUEROA (Ext. 42683)
Staff Engineer
Fire Protection Division

Reviewed by:



STEVEN HOFFMAN
Staff Engineer
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