



**THERMACOUSTIC® INDUSTRIES INTERNATIONAL LIMITED**

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**Mr. Michael Tucker**  
**Tucker & Mulhern Associates Inc.**  
**P.O. Box 224**  
**Ardmore, PA 19003**

**Dear Mr. Tucker:**

This is in response to your request that Thermacoustics Inc undertake an investigation to determine the acceptability of adding our UL classified spray fiberglass insulation over all UL classified cementitious and sprayed mineral fiber fireproofing in fire resistance designs, where a need exists to increase the insulating values of the assembly.

We have completed our investigation and have determined that Thermacooustic TC-417 GP applied over any UL classified spray cementitious or sprayed mineral fiber fireproofing would not jeopardize the hourly rating of the UL Fire Resistance Design selected. In all cases the criteria for approval must meet the following criteria.

1. The maximum allowable thickness shall be 5 “
2. The Surface Burning Characteristics are as follows:

Flame Smoke Index	5
Smoke Developed Index	10

3. The material must be applied only with TC-417 GP adhesive in accordance with the installation instructions and saturation of the cementitious or sprayed fiber fireproofing must be avoided.

It is understood that the TC-417 GP shall not be considered in the fire resistance protection of the UL assembly.

Should you have any additional questions please feel free to contact the undersigned.

Signed:

Brian Walton, Managing Director

BW/dla