SA-727 Specifications for USG Fire Stop System

1. System Performance - United States Gypsum Company will provide test certification for published fire and structural data covering systems designed and constructed according to its published specifications. Tests are conducted on Company products assembled to meet performance requirements of established test procedures specified by various agencies. System performance following substitution of materials or compromise in assembly design cannot be certified; failure may result under critical conditions.
2. Additional Information - See your sales representative or refer to technical folder SA-707 THERMAFIBER Life-Safety Fire Containment Systems in this series.
3. Floor/Ceiling Applications - USG Fire Stop System installed in floor/ceiling applications is not designed to support loads from pedestrian or vehicular traffic.

PART 1 GENERAL

1.1 SCOPE - Specify to meet requirements.

1.2 QUALIFICATIONS
All materials, unless otherwise indicated, shall be manufactured by United States Gypsum Company or USG Interiors, Inc., and shall be installed in accordance with their current printed directions.

1.3 DELIVERY AND STORAGE OF MATERIALS
All materials shall be delivered in their original unopened packages and stored in an enclosed shelter providing protection from damage and exposure to the elements. Damaged or deteriorated materials shall be removed from the premises.

1.4 ENVIRONMENTAL CONDITIONS
In cold weather, installation of FIRECODE® Compound shall not begin until building is enclosed, with permanent heating and cooling in operation, and building temperatures maintained above 40ºF. Maintain min. surface, water, mix and air temperature of 40ºF during application. Adequate ventilation shall be provided to carry off excess moisture. Not to be applied to moist surfaces or areas continuously immersed in water. Not recommended for sustained extreme high temperature applications. Temperatures should not exceed those typically found with domestic hot water systems (approx. 140ºF).

PART 2 PRODUCTS

2.1 MATERIALS

A. Forming material (if required by system): THERMAFIBER Safing Insulation, unfaced, 4" thick, ( ) wide, ( ) long.

B. Firestopping: FIRECODE Compound, 15 lb. bag.

PART 3 EXECUTION

3.1 SAFING INSULATION APPLICATION

Clean substrate of dirt, dust, grease, oil, efflorescence, loose material or other matter. With a serrated knife, cut THERMAFIBER Safing Insulation slightly wider than the opening. Compress and tightly fit min. 2-1/2" or 3" thickness (per system specifications) of insulation with min. density of 3.5 pcf completely around penetrant.

3.2 FIRESTOPPING COMPOUND APPLICATION

Mix FIRECODE Compound according to directions on bag. Using a trowel, putty knife or spatula, scoop the compound from its container and work it into the penetration opening. Apply compound to min. 1/2" or 1" thickness (per system specifications) on top of safing insulation. Ensure that compound is in contact with all surfaces and that entire opening is filled with safing and compound.