Routine maintenance performed through testing and inspection of Spray-Applied Fireproofing, also known as Spray-Applied Fire Resistive Materials (SFRMs), ensures that the product will be in-place for the design life of the structure and perform in actual building fire conditions.

Commercial structures undergo renovations and upgrades related to tenant change and use & occupancy change. As a result, partitions and walls may be removed, electrical wiring re-directed, mechanical equipment removed/replaced, and roof systems changed. When these conditions exist, any SFRM is susceptible to damage caused by impact and this can result in SFRM delamination. Structural steel beams, joists, columns, and decking may then be vulnerable to the damaging effects of fire.

The procedures outlined below are intended as a guide for inspection testing of SFRMs while conducting your periodic maintenance program.

1. Identify all areas throughout the structure that have undergone a renovation or upgrade since the previous inspection. In addition, identify all areas that are susceptible to periodic or regular maintenance traffic and periodic or regular public traffic.
2. Visually inspect the aforementioned areas and note all SFRM deficiencies such as material that has been removed or damaged.
3. Inspect surrounding SFRM near the damaged areas to ensure the required thicknesses and cohesion/adhesion characteristics are maintained.
4. Identify the type of SFRM utilized to protect the structural steel framework; i.e. beams, joists, columns, and decking. The type of SFRM can usually be determined by reviewing construction documents or by contacting SFRM Manufacturers.
5. Obtain instructions from the applicable SFRM Manufacturer detailing the repair procedures for the exact SFRM type that has been damaged.
6. Secure a sufficient quantity of SFRM from the applicable Manufacturer or contact the Manufacturer for names of qualified installers of the SFRM type. Repair of the existing SFRM shall be performed in accordance with the Manufacturer’s published installation instructions.

The following test methods developed by the American Society for Testing and Materials (ASTM) and publication developed by The Association of the Wall and Ceiling Industries (AWCI) shall be consulted for specific information on testing and inspection of SFRMs:


Isolatek International believes that Building Owners/Managers should develop and implement a comprehensive plan detailing a Periodic Inspection and Maintenance Program for SFRMs. Should you have further questions pertaining to this matter, please contact the Isolatek International Technical Service Department at 800.631.9600, extension 269.
We support our customers with unsurpassed technical expertise and customer service, complemented by an extensive global network of experienced sales representatives and recognized applicators. For detailed product information or for the name of the sales representative in your area please contact us.

The performance data herein reflect our expectations based on tests conducted in accordance with recognized standard methods under controlled conditions. The applicator, general contractor, property owner and/or user MUST read, understand and follow the directions, specifications and/or recommendations set forth in Isolatek International’s publications concerning use and application of these products, and should not rely merely on the information contained in this product data sheet. Isolatek International is not responsible for property damage, bodily injuries, consequential damages, or losses of any kind that arise from or are related to the applicator’s, general contractor’s, or property owners’ failure to follow the recommendations set forth in Isolatek International’s publications. The sale of these products shall be subject to the Terms and Conditions set forth in the Company’s invoices.