

SHORT FORM

Routine annual inspections may be carried out on the Spray-Applied Fire Resistive Materials (SFRMs) to ensure that the product will continue to perform its intended function.

Tunnel walls may be subjected to vehicle impact. As a result, any damage to the fire protection system can be easily repaired in accordance with Isolatek International's application instructions.

An annual inspection program is recommended to ensure that the integrity of a completely installed fireproofing system is maintained.

This inspection survey must be conducted by qualified QA/QC personnel with knowledge of the fireproofing system, and recommended and approved by Isolatek International.

The procedures outlined below are intended as a guide for conducting your inspection program. The QA/QC personnel will need a complete copy of the as-built drawings of the system for mark up, along with access to the site. The inspection report and drawings are to remain with the owner and/or owner's rep upon completion of survey.

1.0 INSPECTION

1.1 The QA/QC personnel will inspect and record on the drawings all areas of concern including but not limited to locations where:

- a. Fireproofing system is damaged
- b. Retention system is damaged
- c. Previous repaired areas
- d. Delamination areas
- e. Cracking
- f. Mildew
- g. Chemical stain/damage areas
- h. Wet areas
- i. Top coat/sealer failure
- j. Damaged joints and seals

1.2 The QA/QC personnel shall submit to the owner and/or owners representative all of the drawings with the mark ups, along with a written procedure to complete all of the necessary repairs of the fireproofing system in accordance with Isolatek International's guidelines.

2.0 DECISION

2.1 QA/QC personnel must ascertain which observed items require attention within the current maintenance cycle, based on one or both of the following criteria:

- a. A repair (i.e. fissure or crack) which may allow moisture and chemical ingress / accumulation behind the fireproofing material.
- b. Aesthetic appeal

3.0 REPAIR

3.1 Termination Seal Delamination and/or Cracking

1. Strip away the old damaged joint seals to reveal the original surfaces. The seals must be reinstated in accordance with the original specifications.

3.2 Topcoat Damage

1. Remove all peeling topcoat by following the SSPC-SP 2 (hand tool cleaning) specification.
2. Ensure surface is free from dust and other contaminants.
3. Re-apply topcoat in accordance with original specifications.

3.3 Repair of the fire protection system

1. Remove existing/damaged material.
2. Reinstall all damaged components in accordance with the original specification.
3. Pre-wet the existing CAFCO FENDOLITE / ISOLATEK Type fireproofing material.
4. Apply CAFCO FENDOLITE M-II or TG / ISOLATEK Type M-II or TG into the repair area, taking care to push the material behind the reinforcement and completely filling any voids.
5. Wait approximately 7 to 10 days before re-applying the approved topcoat (if necessary).

Should you have further questions pertaining to this matter, please contact the Isolatek International Technical Service Department at 800.631.9600, extension 269.



ISOLATEK INTERNATIONAL is registered with the
AIA Continuing Education System (AIA/CES)



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 Technical 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 owner's 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.



Isolatek International provides passive fireproofing materials under the CAFCO® and FENDOLITE® trademarks throughout the Americas and under the ISOLATEK® trademark throughout the world.

800.631.9600 or 973.347.1200
www.isolatek.com | technical@isolatek.com
technical-international@isolatek.com

