

Topic: Maintenance of Tremco Firestop Sealants

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For more information, contact the Technical Service Department at 866-209-2404.

Inspection

During, and where possible, after construction, regular inspections of installed firestops should be conducted by qualified personnel to ensure that the firestop system has not been damaged by events subsequent to installation.

Repairs

Firestop systems found to have been damaged should be repaired with the same Tremco Fire Protection Sealant, in accordance with the originally installed independently listed system or Tremco Engineering Judgment. Tremco Firestop Sealants will adhere to clean surfaces of similar material, so various types of minor repairs in seals (such as areas of lost adhesion) can be repaired or cut out and replaced. While performing repairs, bear in mind:

1. All surfaces must be clean, dry, and free from debris. What appears to have been an adhesive failure of the sealant may, in fact have been a cohesive failure of the substrate, leaving debris bonded to the surface of the sealant.
2. Adequate pressure against the bonding surfaces should be achieved by tooling the material into the area to be repaired.
3. Cured and uncured sealants have different tolerances for stress (i.e. vibrations, compression, extension); repaired areas should be allowed to fully cure prior to being exposed to typical stress, if possible.

Refer to initial application instructions for additional details.

Retrofit

A re-enterable firestop product is recommended for installations where changes are anticipated, such as data/communications cable or cable tray penetrations, TREMstop PS1 and PS2, TREMstop Putty, and in some cases TREMstop WS are recommended re-enterable products for through-penetration firestops.

Retrofitting firestop systems with sealants is not recommended, but may be accomplished with care. The integrity of the installed sealant should be maintained to the greatest extent possible. After installation of the new penetrants, the seal should be repaired, as above. The retrofitted firestop system must be installed in accordance with an independently listed firestop system or Tremco Engineering Judgment. This may require use of a different firestop system, and/or different firestopping products to accommodate changes in the type and/or size of penetrant, number of penetrants, or allowable spacing within the firestop system.