

**SECTION 07841 - THROUGH-PENETRATION FIRESTOP SYSTEMS****PART 1 - GENERAL****1.1 SECTION REQUIREMENTS**

- A. Submittals: Product Data and product certificates signed by manufacturer certifying that products furnished comply with requirements.
- B. Provide firestopping systems with fire-resistance ratings indicated by reference to UL designations as listed in its "Fire Resistance Directory," or to designations of another testing agency acceptable to authorities having jurisdiction.
- C. Provide through-penetration firestopping systems with ratings not less than fire-resistance rating of construction penetrated.
- D. For exposed firestopping, provide products with flame-spread indexes of less than 25 and smoke-developed indexes of less than 450, as determined according to ASTM E 84.

**PART 2 - PRODUCTS****2.1 FIRESTOP SYSTEMS**

- A. Any through-penetration firestop system that is classified by UL for the application.

**PART 3 - EXECUTION****3.1 INSTALLATION**

- A. Install firestopping systems to comply with requirements listed in testing agency's directory for indicated fire-resistance rating.
- B. Identification: Identify through-penetration firestop systems with permanent labels attached to surfaces adjacent to firestop systems so that labels will be visible to anyone seeking to remove penetrating items or firestop systems. Include the following information on labels:
  - 1. The words "Warning - Through-Penetration Firestop System - Do Not Disturb."
  - 2. Classification/listing designation of applicable testing and inspecting agency.
  - 3. Through-penetration firestop system manufacturer's name and product name.

END OF SECTION 07841