

FACILITIES STANDARD

NAME : Fire Stopping
NUMBER : 07270

ORIGINAL DATE : 01-05-98
REVISION DATE :

PURPOSE:

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Fire Stopping Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

GENERAL:

1. Fire-stop protection shall be provided for all penetrations through floors, through fire-rated ceilings, fire-rated walls and smoke-stop partitions which extend to the underside of the structure above. This shall include, but not be limited to, cable tray penetrations, electrical conduit, low voltage wiring, telephone and fiber optic cables and bus ducts.
2. Fire-stop protection shall be provided for penetrations to prevent passage of flame, smoke, fumes and water.
3. The penetration fire-stop rating shall be not less than the fire rating of the floor or wall into which it is installed.
4. Warranty shall be one year from date of substantial completion.

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PRODUCTS:

1. Fire-stop material shall be UL classified and shall meet the following:
 - A. ASTM E-814.
 - B. NEC Article 300-21.
 - C. NFPA 101 Article 6-2.3.6.
 - D. SSBCCI Articles 103.2.4, 705.1.6, and 1001.3 Method E.

2. The following are approved Manufacturers:
 - A. Dow Corporation, Fire Stop System.
 - B. G.E. Silicones Construction Products, Pensil Fire Stop Systems.
 - C. Hevi-Duty/Nelson, a unit of General Signal Firestop Seals.
 - D. 3M Fire Protection Products.

EXECUTION

1. The Architect/Engineer shall provide the necessary details and specifications for each fire-stop condition associated with scope of the work.

END OF STANDARD

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