

## SECTION 07270 - FIRESTOPPING

## A. SUMMARY

1. Firestopping Applications:
  - a. Penetrations through fire-resistance-rated **[floor]** **[roof]** **[wall]** construction.
  - b. Penetrations through smoke barriers and construction enclosing compartmentalized areas.
  - c. Sealant joints in fire-resistance-rated construction.
  - d. Penetrations: Empty openings, cables, pipes, ducts, and conduits.

## B. QUALITY ASSURANCE

1. F-rated (flame) and T-rated (temperature) through-penetration firestop systems.
2. Mockups for each through-penetration firestop system.

## C. MATERIALS

1. Permanent forming/damming/backing materials.
2. Fill Materials:
  - a. Ceramic-fiber and mastic coating.
  - b. Ceramic-fiber sealant.
  - c. Endothermic, latex compound sealant.
  - d. Intumescent latex sealant, putty, and wrap strips.
  - e. Vinyl compound.
  - f. Mortar.
  - g. Heat-expanding pillows/bags.
  - h. Silicone foam and sealant.
  - i. Solvent-release-curing intumescent sealant.
3. Fire-Resistive Elastomeric Sealant: [**Single-component, neutral-curing silicone**] [**Multicomponent, nonsag, urethane**] [**Single-component, nonsag, urethane**].

## D. FIELD QUALITY CONTROL

1. Testing Agency: Contractor employed.

END OF SECTION 07270