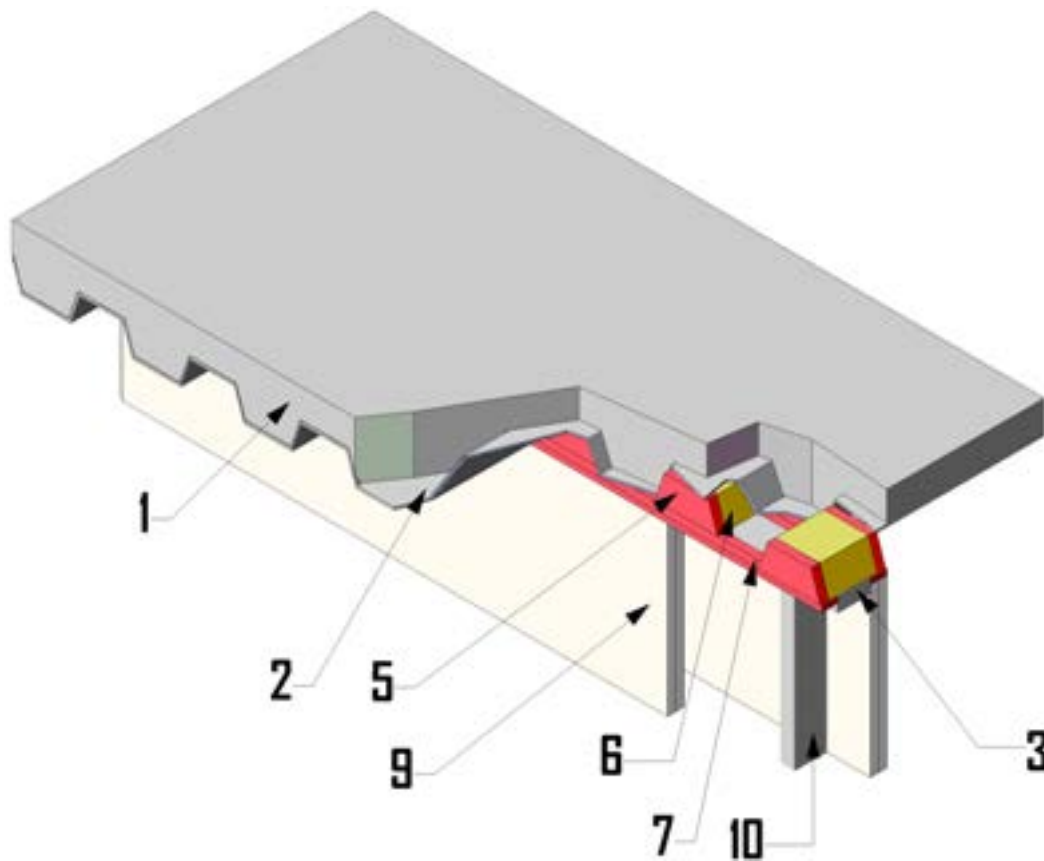


**AD/JFS 120-01**  
**(Formerly AD/PV 120-01)**  
**Vertical Wall**  
**A/D Fire Protection Systems**  
**FIREBARRIER Silicone**  
**ASTM E814**  
**F and T Ratings: 2 hour**

**Test Furnace Internal Positive Pressure Differential-7.5 Pascal (0.03-in. H<sub>2</sub>O) Minimum**



1. Normal Density Concrete: Use 150 +/- 3 lb/ft<sup>3</sup> with a minimum thickness 2-1/2 in.
2. Decking: Use Verco W3, or equivalent 18 gauge (GA) galvanized steel decking.
3. Ceiling Runner: Use a U-shaped 2-1/2 in. wide x 1-1/2 in. deep x 0.036 in. thick.
4. Fasteners (not shown): Use 1/2 in. long #8 self tapping screws spaced a maximum of 24 in. on center (oc) to secure the ceiling runner (item 3) to the decking (item 2).

5. CERTIFIED MANUFACTURER: A/D Fire Protection Systems

CERTIFIED PRODUCT: Fire rated nonflammable acoustic/smoke seal firestop sealant

MODEL: A/D FIREBARRIER Silicone

Apply fire rated nonflammable acoustic/smoke seal firestop sealant over 6 in. fluted openings to a minimum thickness of 1/4 in.

**Division 07 – Thermal and Moisture Protection**

**07 84 00 Fire Stopping**

**07 84 43 Joint Fire Stopping**

**2 of 2**

**6. Mineral Wool**

Use 3-3/4 lb/ft<sup>3</sup> mineral wool compressed to 5 lb/ft<sup>3</sup> fitted within the fluted openings to match AD/JFS 60-01.

**7. CERTIFIED MANUFACTURER: A/D Fire Protection Systems**

CERTIFIED PRODUCT: Fire rated nonflammable acoustic/smoke seal firestop sealant

MODEL: A/D FIREBARRIER Silicone

Use 5/8 in. high x 1 in. deep continuous fill along the perimeter relief above the gypsum wall board (item 9).

**8. Use 1 in. long #6 drywall screws, 12 in. oc to attach the gypsum wall board (item 9) to the lower leg of the ceiling runner (item 3).**

**9. Gypsum Wall Board: Use 1/2 in. Fireguard C gypsum wall board.**

**10. Steel Studs: Use 2-1/2 in. wide x 0.019 in. thick C-studs spaced a maximum of 24 in. oc.**