

of the wall. The thickness of material applied to each side of the steel beam web shall be 1-1/2 in. (38 mm).

ISOLATEK INTERNATIONAL — Type 300, Type 400



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HWD 0440

System No. HW-D-0440

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- Wall Assembly Min 8 in. (203 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3/) concrete. Wall may also be constructed of any UL Classified Concrete Block*. Concrete wall to be centered beneath and parallel with bottom flange of steel beam. See Concrete Block (CAZT) category in Fire Resistance Directory for names of manufacturers
- 3. Joint System Max separation between spray applied fire resistive material on bottom of structural support member and top of concrete wall (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 12.5 percent compression or extension from it's installed width as measured between bottom plane of protected steel beam and top of concrete wall. The joint system shall consist of forming and fill materials as follows:
 - A. Forming Material* Min 8 in. (203 mm) wide section of nom 4 pcf (64 kg/m3/) mineral wool batt insulation compressed 50 percent in thickness and installed cut edge first to completely fill the gap above the top of the concrete wall. The forming material shall be installed flush with both surfaces of wall.

THERMAFIBER INC - Type SAF

B. Fill, Void or Cavity Material*— Sealant — Min 1/8 in. (3.2 mm) wet thickness (min 1/16 in. or 1.6 mm dry thickness) of fill material sprayed or troweled on each side of wall to completely cover mineral wool forming material and to overlap min 1/2 in. (13 mm) onto concrete wall and min 2 in. (51 mm) onto spray-applied fire resistive material.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP672 Firestop Spray or CFS-SP WB Firestop Joint Spray

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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