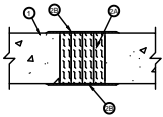


System No. WFC-2-1977

Normal Joint (30 in. x 30 in.)
Class II Movement Capabilities 25% Compression



- Wall Assembly** - Min. 4 (2 in. (51.4 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete. (Not applicable for nonstructural or precast (UL Classified Concrete Block).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Joint System** - Max. width of joint (in area of installation of joint system) is 4 in. (102 mm). The joint system is designed to accommodate a max. 25 percent compression or expansion from its installed width. The joint system must consist of forming and EPP Insulation, as follows:
A. **Forming Material** - Min. 4 pcf (54 kg/m³) mineral wool batt insulation installed in joint casting as a permanent form. Pieces of batt cut to max. width of 4 in. (102 mm) and installed edge-to-edge with joint opening parallel with joint direction, such that batt sections are compressed min. 50 percent in thickness, and such that the compressed batt sections are flush with each surface of the wall. Remaining lengths of batt to be tightly battens with battens spaced max. 16 in. (406 mm) apart along the length of the joint.
FIBREX INSULATIONS INC. - FibreX Selfing Insulation
RO MWOL L.L.C. - Mowool 1200 Selfing
ROCK WOOL MANUFACTURING CO. - Ultra Insult
ROXUL ASIA DEN BHD - SAFE
ROXUL INC. - SAFE
THERMAFIBRE INC. - Type SAF
- Fill, Void or Cavity Material** - **Sealer** - Min. 1.8 in. (45.7 mm) wet thickness or (1.16 in. (29.4 mm) dry thickness of 16 material applied to cover the surface of the concrete and seal forming material and by min. 1/2 in. (12.7 mm) over the concrete on each side of the joint opening on both ends of the wall.
SPECIFIED TECHNOLOGIES INC. - SpecSeal A2300 Expanded Sealer
*Bearing the UL Classification Mark

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GENERAL NOTES:

- Refer to section 07 84 00 of the specifications. For Quality Control requirements, refer to the Quality Control portion of the specification.
- Details shown are typical details. If field conditions do not match requirements of typical details, approved alternate details shall be utilized. Field conditions and dimensions need to be verified for compliance with the details, including but not limited to the following:
 - Type and thickness of fire-rated construction. The minimum assembly rating of the firestop assembly shall meet or exceed the highest rating of the adjacent construction.
- If alternate details matching the field conditions are not available, manufacturer's engineering judgment drawings are acceptable. Engineering Judgments shall follow the International Firestop Council (IFC) Guidelines for Evaluating Firestop Systems Engineering Judgments.
- References:
 - UL Fire Resistance Directory; Current Edition.
 - NFPA 101 Life Safety Code
 - All governing local and regional building codes
- Firestop System installation must meet requirements of ASTM E1966 (UL 2079) tested assemblies that provide a fire rating equal to that of the surrounding construction.

PROJECT NAME:

XXXXXXXXXXXXXXXXXXXXXXXXXX

ARCHITECT/CONSULTANT:

XXXXXXXXXXXXXXXXXXXXXXXXXX

TITLE:

STI FIRESTOP SYSTEMS
FIRESTOP THROUGH PENETRATIONS

- DIVISION 4:** Masonry
DIVISION 7: Thermal & Moisture Protection
DIVISION 9: Finishes

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