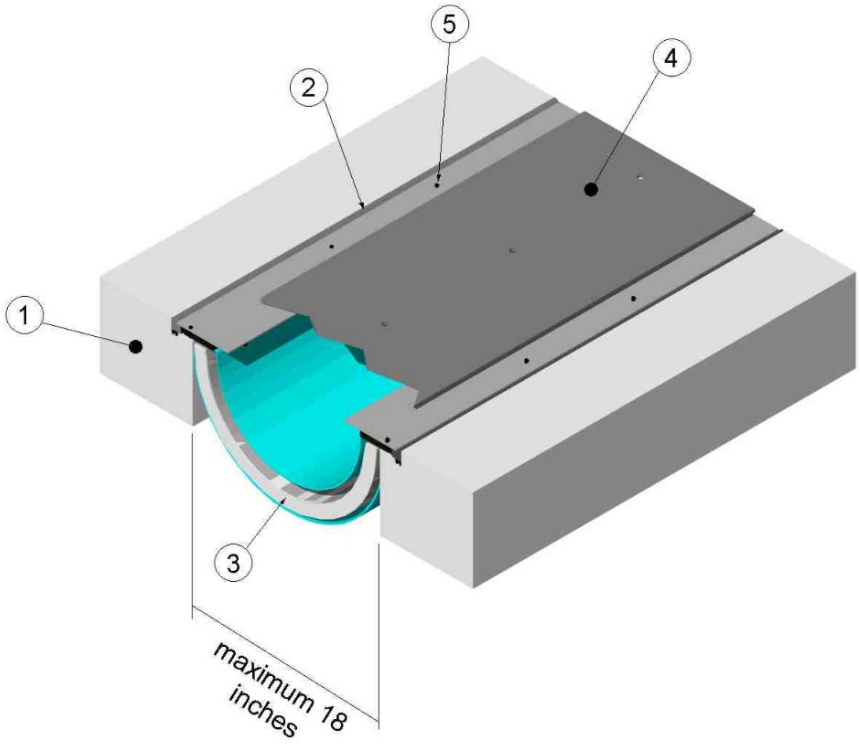
MM SYSYTEMS OPCO LLC
Design No. MM/EJH 60-01
Fire Resistive Joint System
Pyro-Flex® PF-1018F-SC
ASTM E1966, UL 2079
Rating: 2 Hour
ASTM E1399 Class IV Cycling: ± 50% movement
UL 2079
L-Rating: less than 1 SCFM/LF



1. **CONCRETE FLOOR ASSEMBLY:** One hour rated concrete floor assembly made from either lightweight or normal weight concrete with a density of 100-150 pcf, with a min. thickness of 4-1/2 in. at the joint face. When longitudinal recess (blockout) is required to contain an architectural joint system, increase concrete floor assembly thickness to maintain a min. thickness of 4-1/2 in. and accommodate depth of blockout formed in the concrete: blockout width unrestricted.

2. **GROUT:** Mix masonry grout in accordance with manufacturer's instructions. Apply and fill blockout with masonry grout. Screed the grout flush with wearing surface of concrete floor assembly (Item 1) and architectural cover (Item 4).

3. **JOINT TREATMENT:** Expansion Control, Fire Resistive Joint System

   CERTIFIED PRODUCT: MM Systems OPCO LLC, Pyro-Flex® PF-1018F-SC Series

The joint treatment is composed of mechanical components attached to the existing field construction. The max. joint width is 18 in. Design tested and illustrated at max. joint width. Nominal joint width illustration (installed configuration) may differ. Joint treatment shall be installed in accordance with Listed Manufacturer's installation instructions.

4. **ARCHITECTURAL COVER PLATE:** Use MM Systems OPCO LLC EJA or EJP Architectural cover. Use either a metal or elastomeric architectural or commercial cover meeting the following requirements. The thickness of the metal architectural cover varies with joint width and load requirements. Use a metal architectural cover with a min. thickness of 0.125 in., formed of aluminum, brass, bronze or 24 GA galvanized steel or stainless steel. Alternatively, when required, use an elastomeric joint seal constructed of Santoprene, EPDM or PVC elastomer. Install the metal or elastomeric architectural cover in accordance with Listed Manufacturer's installation instructions.

5. **FASTENERS:** Use min. 1/4 in. × 2-3/4 in. long concrete fasteners spaced max. 24 in. on center to secure the joint treatment (Item 2) to the concrete floor assembly (Item 1).

Consult the listing report on the Directory of Building Products (https://bpdirectory.intertek.com) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.