



System No. FF-D-1086 XHBN.FF-D-1086 Joint Systems

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- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
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XHBN - Joint Systems

[See General Information for Joint Systems](#)

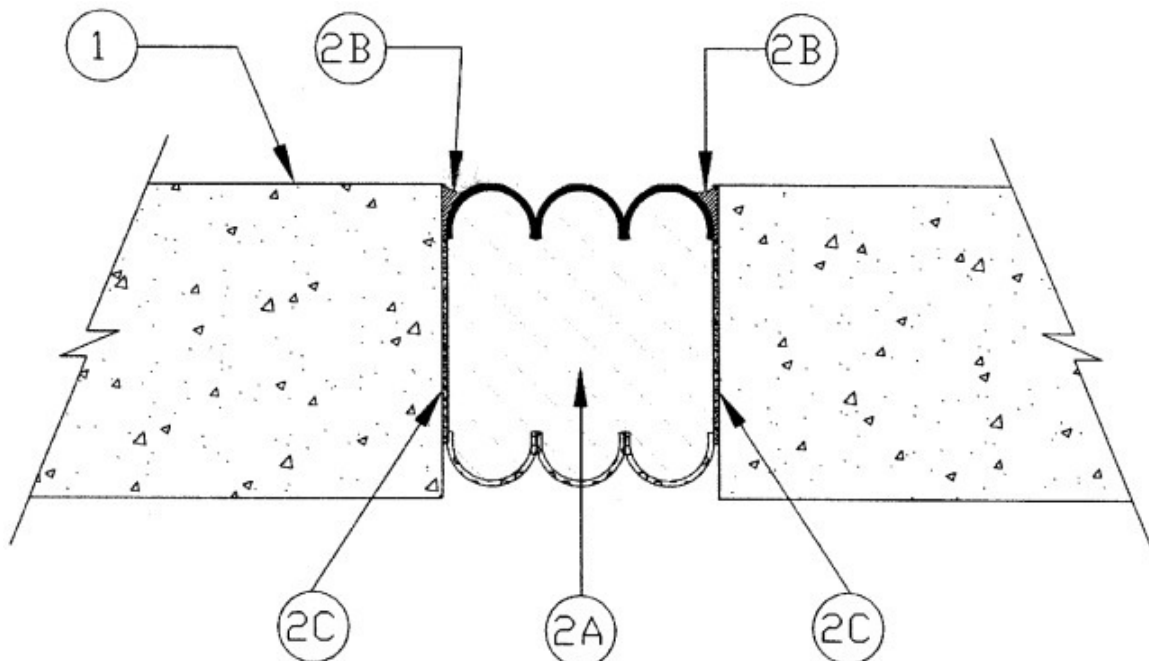
System No. FF-D-1086

August 21, 2014

Assembly Rating – 2 Hr

Nominal Joint Width – 2-1/4 to 4 in.

Class II & III Movement Capabilities – 50% Compression and Extension



1. **Floor Assembly** — Min 4-1/2 in. (114 mm) thick reinforced normal weight 150 pcf, (2400 kg/cu meter), structural concrete.

2. **Joint System** — **Nominal width of joint is 2-1/4 to 4 in. (55 to 100 mm). The joint system is designed to accommodate a max 50 percent compression or extension from its installed width.** The joint system shall consist of the following:

A. **Forming Material*** — Compressed, fire-retardant impregnated, 3 ¾ in. (95 mm) deep foam. Top and underside of foam is coated with Silicone. Foam may comprise vertical or horizontal laminations. Foam is installed in joint opening as a permanent form.

EMSEAL L L C — DFR2 Mechanical joint system.

B. **Sealant Band** — (Optional) — Watertight ¾ in. (19 mm) deep silicone sealant band and corner bead supplied by joint system manufacturer, and installed in accordance with installation instruction.

C. **Epoxy adhesive** — Consists of two parts; part A (base), and part B (hardener). The epoxy is supplied by joint system manufacturer, and installed in accordance with installation instructions.

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