System No. HW-D-0763
XHBN7.HW-D-0763
Joint Systems Certified for Canada

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Design/System/Construction/Assembly Usage Disclaimer

- 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.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBN - Joint Systems

XHBN7 - Joint Systems Certified for Canada

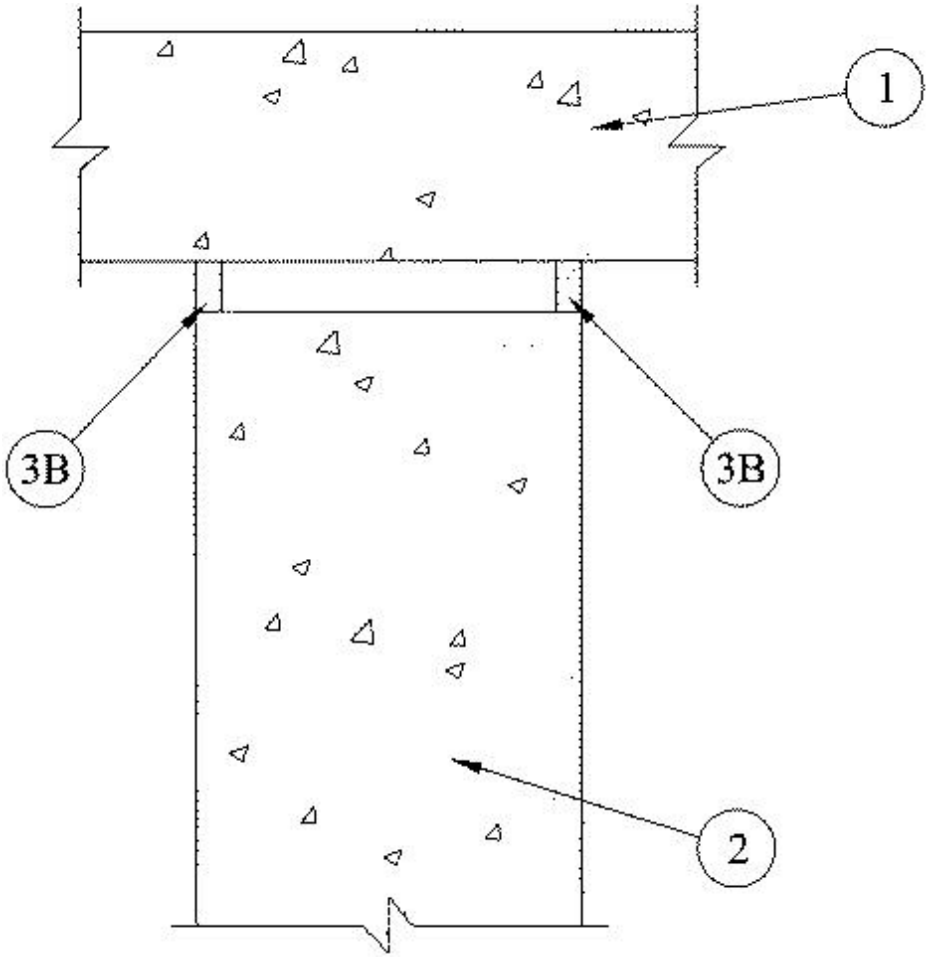
See General Information for Joint Systems

See General Information for Joint Systems Certified for Canada

System No. HW-D-0763

June 15, 2016

ANSI/UL2079	CAN/ULC S115
Assembly Rating — 2 Hr	F Rating — 2 Hr
Nominal Joint Width — 1 In.	FT Rating — 2 Hr
Class II or III Movement Capabilities — 25% Compression or Extension	FH Rating — 2 Hr
	FTH Rating — 2 Hr
	Nominal Joint Width — 25 mm
	Class II or III Movement Capabilities — 25% Compression or Extension



1. **Floor Assembly —** Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/cu meter) structural concrete.

2. **Wall Assembly —** Min 5 in. (127 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/cu meter) structural concrete. Wall may also be contructed of any UL Classified **Concrete Blocks*.**

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

3. **Joint System — Max separation between bottom of floor and top of wall (at time of installation of joint system) is 1 in. (25 mm). The joint system is designed to accommodate a max 25 percent compression from its installed width. —** The joint system consists of a packing or forming material and a fill material between the top of the wall and the bottom of the floor, as follows:

A. **Packing Material —** (Optional — Not Shown) — Polyurethane foam backer rod firmly packed into joint opening as a permanent form and recessed from each surface of wall to accommodate the required thickness of fill material.

A1. **Forming Material* —** (Optional — Not Shown) —Min 3/4 in. (19 mm) width of 4 pcf (64 kg/cu meter) mineral wool batt insulation compressed 50 percent and packed into the gap between the top of the wall and bottom of the floor on both sides of the wall.

INDUSTRIAL INSULATION GROUP L L C — MinWool-1200 Safing

ROCK WOOL MANUFACTURING CO — Delta Board or Delta-8

ROCKWOOL MALAYSIA SDN BHD — Type Safe

ROXUL INC — Type Safe

THERMAFIBER INC — Type SAF

B. **Fill, Void or Cavity Material* —** A min 1/2 in. (13 mm) thickness of fill material installed on each side of the wall between the top of the wall and bottom of the concrete floor.

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

Last Updated on 2016-06-15

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