

UL/cUL SYSTEM NO. HW-D-1104

**TOP OF WALL JOINT : CONCRETE OR BLOCK WALL ASSEMBLY**

ASSEMBLY RATING = 2-HR.

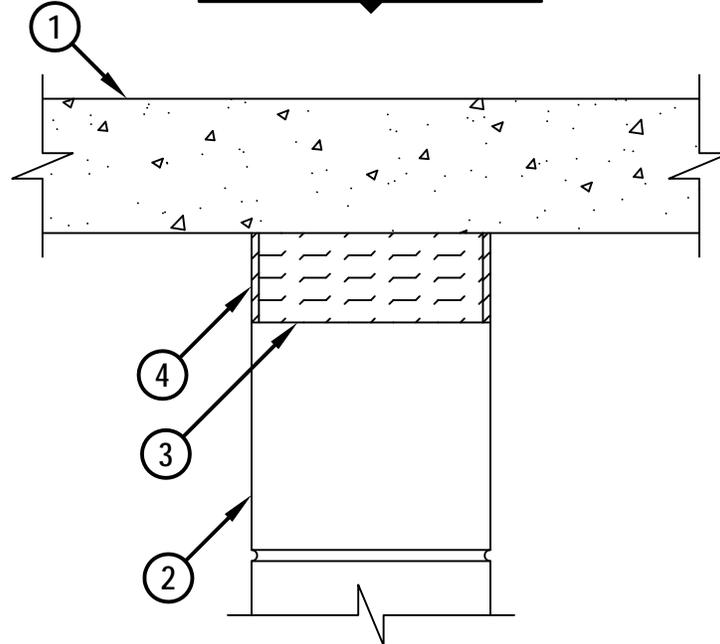
L-RATING AT AMBIENT = LESS THAN 1 CFM / LIN FT

L-RATING AT 400°F = LESS THAN 1 CFM / LIN FT

CLASS II MOVEMENT CAPABILITIES - 33% COMPRESSION OR EXTENSION

HWD1104a.011714

**CROSS-SECTIONAL VIEW**



1. CONCRETE FLOOR ASSEMBLY (2-HR. FIRE-RATING) :
  - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK).
  - B. ANY UL/cUL CLASSIFIED PRECAST (HOLLOW-CORE) CONCRETE FLOOR (MINIMUM 6" THICK).
2. CONCRETE WALL ASSEMBLY (2-HR. FIRE-RATING) :
  - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 4-1/2" THICK).
  - B. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
3. MINIMUM 4" THICKNESS MINERAL WOOL SAFING (MIN. 4 PCF DENSITY) COMPRESSED 50% AND RECESSED TO ACCOMMODATE FIRESTOP SEALANT.
4. MINIMUM 1/4" DEPTH HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT FLUSH WITH BOTH SURFACES OF WALL.

**NOTE : MAXIMUM WIDTH OF JOINT = 3".**



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Sheet	1 of 1
Scale	5/32" = 1"
Date	Jan. 17, 2014

Drawing No.  
**HWD  
1104a**

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