

FIRE-RATED JOINT THROUGH CONCRETE FLOOR ASSEMBLY

ASSEMBLY RATING = 2-HR. OR 3-HR.

CLASS II MOVEMENT CAPABILITIES - 6% OR 12.5% COMPRESSION OR EXTENSION

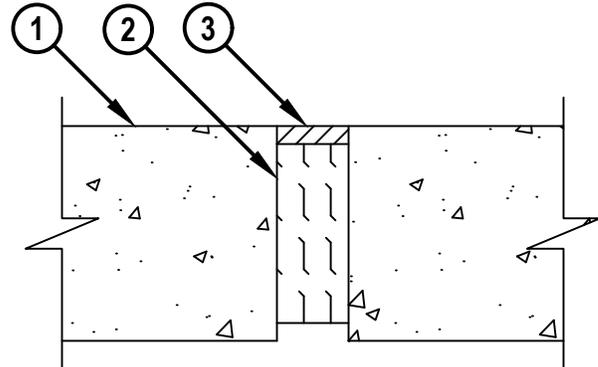
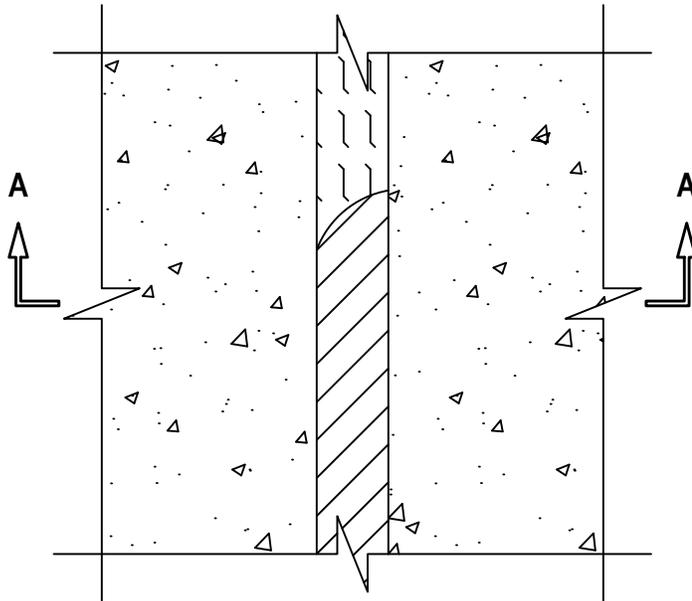
L-RATING AT AMBIENT = LESS THAN 1 CFM / LIN FT

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

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TOP VIEW

SECTION A-A



1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR ASSEMBLY (2-HR. OR 3-HR. FIRE-RATING) :
 - A. MINIMUM 4-1/2" THICK (2-HR FIRE-RATING).
 - B. MINIMUM 6" THICK (3-HR FIRE-RATING).
2. MINERAL WOOL SAFFING (MIN. 4 PCF DENSITY) COMPRESSED 50% (SEE TABLE BELOW).
3. HILTI CP 606 FLEXIBLE FIRESTOP SEALANT (SEE TABLE BELOW).

ASSEMBLY RATING	MAX JOINT WIDTH	MIN THICKNESS OF MINERAL WOOL	MIN DEPTH HILTI CP 606
3-HR.	2"	5"	1/2"
2-HR.	2"	2"	1/2"
2-HR.	1"	2-1/2"	1/4"

NOTE : JOINT SYSTEM IS DESIGNED TO ACCOMMODATE A MAX 6% COMPRESSION OR EXTENSION FOR 3-HR. RATING AND MAX 12.5% COMPRESSION OR EXTENSION FOR 2-HR. RATING.



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Sheet	1 of 1
Scale	3/16" = 1"
Date	June 01, 2021

Drawing No.
**FFD
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