UL/cUL SYSTEM NO. C-AJ-7123

INSULATED DUCT (UNIFRAX) THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL ASSEMBLY

F-RATING = 2-HR. T-RATING = 2-HR.

- 1. CONCRETE FLOOR OR WALL ASSEMBLY (2-HR. FIRE-RATING) :
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK).
 - B. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 5" THICK).
 - C. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
- 2. MAXIMUM 24" x 24" STEEL AIR OR GREASE DUCT (MINIMUM 16 GA.).
- 3. MAXIMUM 1-1/2" THICK FYREWRAP DUCT 1.5 MANUFACTURED BY UNIFRAX CORP. (SEE NOTE NO. 3 BELOW).
- 4. 1/2" WIDE x 0.015" THICK TYPE 302 STAINLESS STEEL BANDING STRAPS USED IN CONJUNCTION WITH 1/2" WIDE x 1" LONG TYPE 302 STAINLESS STEEL CRIMP CLAMPS AT MAXIMUM 12" C/C AND 1-1/2" TO 3" FROM TRANSVERSE JOINT ON OUTER LAYER OF DUCT WRAP.
- 5. MINIMUM 4" THICKNESS UNFACED SCRAP DUCT WRAP MATERIAL OR MINERAL WOOL (MIN. 3 PCF DENSITY) TIGHTLY PACKED.
- 6. MINIMUM 1/2" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.
 - NOTES: 1. MAXIMUM AREA OF OPENING = 1024 SQ. IN., WITH MAXIMUM DIMENSION OF 32".
 - 2. ANNULAR SPACE = NOMINAL 1".
 - 3. STEEL AIR OR GREASE DUCT WRAPPED WITH TWO LAYERS OF DUCT WRAP IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS.



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Scale	5/64" = 1"
Date	Jan. 06, 2015

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