System No. HW-S-1011
February 24, 2005
Assembly Rating - 4 Hr
L Rating at Ambient - Less than 1 CFM/Lin Ft
L Rating at 400° F - Less than 1 CFM/Lin Ft
Joint Width - 3 In. Max
(Ul/cUL)

1. Floor Assembly — Min 5-1/2 in. (140 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete.

2. Wall Assembly — Min 5-1/2 in. (140 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete. Wall may also be constructed of any UL Classified Concrete Blocks*.

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

3. Joint System — Max width of joint is 3 in. (76 mm). The joint system shall consist of the following:

   A. Forming Material* — Min 1 in. (25 mm) thick 6.0 pcf (96 kg/m³) ceramic fiber blanket insulation installed in joint opening as a permanent form. Insulation cut and pleated to form a unit 4-1/2 in. (114 mm) deep and installed edge-first into joint opening such that sections of insulation unit are compressed a min of 50 percent. Ceramic blanket to be recessed from both surfaces of wall to accommodate the required thickness of fill material. Adjoining lengths of insulation to be tightly-buttoled with butted seams spaced min 36 in. (914 mm) apart along the length of the joint.

   TREMCO INC — TREMstop FS Blanket

   B. Fill, Void or Cavity Material* — Min 1/2 in. (13 mm) thickness of fill material applied within the joint, flush with both surfaces of wall.

   TREMCO INC — Dymeric 240FC

*Bearing the UL Classification Mark

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