

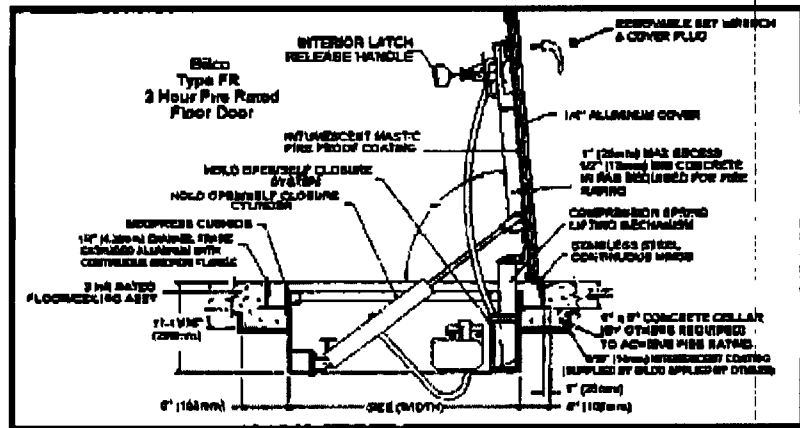
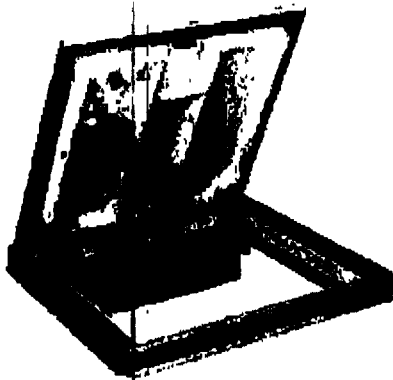
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SWANKE HAYDEN CONNELL ARCHITECTS

NO. 3497 P. 3/3 1



Type "FR" 2-Hour Fire Rated, UL Listed



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SPECIFICATIONS: Type FR. Fire rated floor access door shall be Type FR-_____ as manufactured by The Bilco Company. Door and frame assembly shall be tested in accordance with ASTM E 119 and UL Listed as having a 2-hour fire rating when exposed to fire from the underside. In the closed position, the temperature on the unexposed surface of the door assembly shall not exceed 325 degrees F (162 degrees C) above ambient for the duration of the 2-hour period. Manufacturer shall submit a test report certifying this performance.

Door leaf shall have a 1" (25.4mm) fillable pan to receive concrete and _____ (specify flooring material type and weight). Door leaf shall be constructed of 1/4" (6.35mm) aluminum and built to withstand a live load of 150 psf (732 kg per sq. meter). Frame shall be 1/4" (6.35mm) extruded aluminum with neoprene cushion and continuous anchor flange.

Door shall be equipped with a self-contained, pneumatic, automatic closing system which will close and latch the door leaf in the event of fire. A hydraulic hold-open system shall automatically hold the door in the open position.

Compression spring operators enclosed in telescopic tubes shall be provided for smooth, easy operation throughout the entire arc of opening and closing. Continuous hinge shall be heavy duty Type 316 stainless steel. A Type 316 stainless steel slam latch with gasketed cover plug and removable turn handle (topside) and cable release handle (underside) shall be provided. Factory finish shall be mill finish aluminum with bituminous coating applied to the exterior of the frame.

Door assembly shall be installed in a UL Listed fire rated floor/ceiling assembly in strict accordance with manufacturer's instructions and details. Manufacturer shall guarantee against defects in material and workmanship for a period of five (5) years.

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