



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 105-07-M

Manufacturer: Baillargeon Doors Inc., 430 Road West, St. Ephrem, Quebec, G0M 1R0 CANADA

Trade Name(s): Baillargeon, Polybois

Product: Fire-rated door assembly

Pertinent Code Section(s): 27-329, 27-342

Prescribed Test(s): RS 5-6 (ASTM E152), UL 10C

Laboratory: Intertek Testing Services

Test Report(s): ITS reports: WHI-495-1456 dated April 21, 1999, and WHI-495-1432 dated December 8, 1998; and ITS letter dated April 13, 2007

Description: The following specification pertains to fire-rated doors with 1½ hr. rating for Class “B” opening.

Doors

Two, 4'0" x 8'0" x nominal 1¾" G-P Gypsum Corp., flush type, three piece mineral core, with plywood veneer faces, each with 1" wide Firestop I stiles and 1½" wide Firestop I rails.

Intumescents

Palusol Type 100 intumescent strips, fiberglass reinforced, 1½" wide x 0.078" (2 mm) thick, covered with 0.1875" thick Douglas Fir wood veneer, were installed in the top rail and stiles. No Palusol or wood edges were installed on the top of the stiles. A ¾" diameter x ½" deep hole was drilled into the top of each stile and the holes were filled with 3M Fire Barrier CP 25WB+ caulk.

Door Frames

WHI-listed, Titan Metal, 16-gauge steel.

Hardware

Hager, 4½" x 4½" x 0.134" thick hinges.

UL-listed, Stanley Model 81-2550 (SP-1055), flush bolt, surface-mounted, chain-operated.

UL-listed, Stanley Model 81-2650 (SP-1056), surface-mounted foot bolts, engaged ¾" into the strike.

Header

2½" x 4½" x 9" insulating fire brick.

Masonry Blocks

8" x 8" x 16" and 8" x 8" x 8" CMUs.

Mortar

Sand and cement mortar.

Terms and Conditions: The above-described fire-rated doors and frames are accepted for Class "B" rating with the following conditions.

1. Doors shall be operated by an approved fusible link or other New York City-approved automatic closing mechanism.
2. Doors shall be installed in accordance with Laboratory limitation, manufacturer's instructions and Reference Standard RS 5-8 (NFPA 80) for Class "B" opening.
3. Certificates or labels accompanying all shipments shall be provided by the testing service which shall be regularly engaged by the manufacturer to make periodic inspections and/or tests of the doors in the course of their manufacture.
4. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance June 7, 2007
Examined By Sean Derpholz