

CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner

MEA 240-00-M  
Report of Material and Equipment Acceptance Division

Manufacturer - Technical Glass Products, 2425 Carillon Point, Kirkland, WA 98033.

Trade Name(s) – Fire frame by Forster 'Heat Barrier system

Product - Forster heat barrier Forster "Barrier wall and door system.

Pertinent Code Section(s) - 27-342, 27-329, and 27-651.

Prescribed Test(s) - RS 5-6 (ASTM E1152), RS 5-2 (ASTM 119).

Laboratory -Underwriters Laboratories Inc.

Test Report(s) - UL File R19123 dated April 7, 2000 and January 29, 2001. R19207 dated November 13, 2000. 2001, and UL R13377.

Description - The Forster heat barrier frame system used with Pilkington Classified Fire Resistant Glazing Material met the requirements for a 1 or 2 hour assembly according to the Standard "Fire Tests of Building Construction and Materials" ANSI/UL263 (ASTM E119)". The maximum exposed area of the glazing material and the maximum exposed dimension are shown in Table 1:

Table 1: Forster Heat Barrier Wall Systems

Rating	Maximum Exposed Glass Area/Piece	Maximum Exposed Dimension
1 hr.	5,605 sq. inches	95 in.
1-1/2 hr.	3,724 sq. inches	89-3/4 in.
2 hr.	3,325 sq. inches	95 in.

The Forster heat barrier wall system shall be in accordance with UL Design Nos. U531 and U533.

The Forster heat barrier frame system used with Pilkington Classified Fire Resistant Glazing Material met the requirements for both a 60 and 90 minute door assembly according to the Standards UL 10B and 10C. The maximum single door leaf size and maximum exposed glass size are shown in Table 2:

Table 2: Forster Heat Barrier Door Systems:

Rating	Maximum Single Door Leaf Size	Maximum Exposed Glass Size
60 min.	48 in. x 96 in.	41-5/8 in x 89-3/4 in.
90 min.	48 in. x 96 in.	41-5/8 in x 89-3/4 in.

Recommendation - That the above described fire protection rated wall and door material be accepted as providing fire protection rating as described above when installed in accordance with manufacturer's installation instructions and Reference Standard RS 5-8 (NFPA 90) for Class B (1 1/2 or 2 hr) or C (1 hr) openings, on the condition that the 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 for tests of fire protection rated materials in the course of their manufacture. 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code. \*

Final Acceptance DEC 129/2000

Examined By S Derphidan