



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 427-06-M

Manufacturer: Harring Doors, 3799 Commerce Road, London, Ontario N6N 1P9, Canada

Trade Name(s): Harring

Product: Stile and rail wood fire doors

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

Prescribed Test(s): RS 5-6 (ASTM E152, UL10C)

Laboratory: Intertek Testing Services (Warnock Hersey)

Test Report(s):

- 45-60 Minute (Spec ID #13651)
- 495-1656
- 495-PSV-1532
- 495-PSV-1580
- 3096561

45, 60 and 90 Minute (BASF):

- 3072255(a)
- 3072255(b)
- 3081748(a)
- 3081748(c)
- 3081748(d)
- 3081748(e)

Description: The following specifications pertain to Harring Doors' standard method of construction (see spec ID # 13651):

45 MINUTE POSITIVE / NEGATIVE PRESSURE

	<u>MINIMUM</u>	<u>MAXIMUM</u>
<u>OPENING SIZES</u>		
Singles		3/6 X 8/0
Pairs	NOTE : Pairs allowed with or without metal astragal.	7/0 X 8/0
<u>ALLOWABLE SPECIES</u>		
	any standard species	
<u>THICKNESS</u>		
	1 3/4"	2 1/4"
<u>DIMENSIONS</u>		
Stile Face	6"	
Top Rail Face	6"	
Bottom Rail Face	10"	
Lock Rail Width Face	6 1/2"	
Mullion Width Face	4"	
Cross Rail Face	4"	
<u>PANELS</u>		
Thickness - Raised	1 5/8"	1610 sq. ins.
Thickness - Flat	1"	1296 sq. ins.
Thickness - Flat	3/4"	1000 sq. ins.
<u>LITES</u>		
Single Lite Size - Wire Glass		1296 sq. ins.
Single Lite Size - Firelite		1444 sq. ins.
<u>HARDWARE</u>		
	(Must be rated)	
Cylinder Locks	6" min. stile face	
Mortise Locks	6" min. stile face	
Minimum Latch Throw	1/2" singles / 3/4" pairs	
Dead Bolts	6" min. stile face	
Automatic Flush Bolts	6" min. stile face	
Manual Flush Bolts - standard and extension	6" min. stile face	
Surface Vertical Rods	6" min. stile face	
Rim Exit Device	6" min. stile face	
Auto Door Bottom		Label type only
Wire Raceway		3/8" x 3/8"

60 MINUTE POSITIVE / NEGATIVE PRESSURE

	<u>MINIMUM</u>	<u>MAXIMUM</u>
<u>OPENING SIZES</u>		
Singles		3/6 X 8/0
Pairs	NOTE : Pairs allowed with or without metal astragal.	7/0 X 8/0
<u>ALLOWABLE SPECIES</u>		
	any standard species	
<u>THICKNESS</u>		
	1 3/4"	2 1/4"
<u>DIMENSIONS</u>		
Stile Face	6"	
Top Rail Face	6"	
Bottom Rail Face	10"	
Lock Rail Width Face	6 1/2"	
Mullion Width Face	4"	
Cross Rail Face	4"	
<u>PANELS</u>		
Thickness - Raised	1 5/8"	1610 sq. ins.
Thickness - Flat	1 5/8"	1610 sq. ins.
Thickness - Flat	3/4"	1000 sq. ins.
<u>LITES</u>		
	Not Available	
<u>HARDWARE</u>		
	(Must be rated)	
Cylinder Locks	6" min. stile face	
Mortise Locks	6" min. stile face	
Minimum Latch Throw	1/2" singles / 3/4" pairs	
Dead Bolts	6" min. stile face	
Automatic Flush Bolts	6" min. stile face	
Manual Flush Bolts - standard and extension	6" min. stile face	
Surface Vertical Rods	6" min. stile face	
Rim Exit Device	6" min. stile face	
Auto Door Bottom		Label type only
Wire Raceway		3/8" x 3/8"

The Following Specifications pertain to doors constructed using proprietary BASF fire resistant door core systems licensed to Haring Doors:

Minimum 6" stiles and top rail

Minimum 10" bottom rail

- 45 Minute Rating: 3'6" x 8'0" single-swing, 5/8 in. (16mm) thickness recessed flat panel
Cylindrical lock/mortise lock
44 pcf mahogany, MDF or equivalent density wood material
- 60 Minute Rating: 3'6" x 8'0" single-swing, 5/8 in. (16mm) thickness recessed flat panel
Cylindrical lock/mortise lock
7'0" x 8'0" pairs, 3/4 in. (19mm) thickness recessed flat panel
3-point latching – cylindrical lock/mortise lock/mortise flushbolt,
surface mount flushbolts
4-point latching – cylindrical lock/mortise lock/mortise flushbolt,
surface mount panic hardware
- 90 Minute Rating: 3'6" x 8'0" single-swing, 5/8 in. (16mm) thickness recessed flat panel
Cylindrical lock/mortise lock
7'0" x 8'0" pairs, 7/8 in. (22mm) thickness recessed flat panel
4-point latching – cylindrical lock/mortise lock/mortise flushbolt,
surface mount panic hardware
Mortise lock installation kit required for 90 minute rating

Terms and Conditions: The above-described fire-rated doors and frames are accepted for Class "B" or "C" 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 or C 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 materials shall, in addition, be accompanied by a metal tag certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for 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 January 17, 2007

Examined By Simon Derksheden