

FIRE DOOR LISTING PROGRAM

Customer: Windsor Building Supplies Ltd.
 Class: Fire rated Door Frames
 Locations: Langley, BC (Head Office)
 Chilliwack, BC
 Duncan, BC
 Parksville, BC
 Website: www.windsorplywood.com

Listing No. F455-2-20-1
 Project No. F455-2 Edition 1

Effective Date: April 1, 2019
 Last Revised Date: April 1, 2019

Standards: UL 10B *Fire Tests of Door Assemblies*
 UL 10C *Positive Pressure Fire Tests of Door Assemblies*
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies*
 CAN/ULC S104 *Standard Method for Fire Tests of Door Assemblies*

Product: 20 Minute Positive Pressure rated Category “C” Proprietary Fire Door Frames with Hose Stream.

Markings: See [FD001 - Fire Door Labeling requirements](#)

Models / Ratings: **20-MINUTE CATEGORY C PROPRIETARY FIRE DOOR FRAMES:**

Maximum sizes:

| Swing Type: | Maximum Dimensions | | Latching: |
|---------------|----------------------|----------------|--------------|
| | Width: | Height: | |
| Single Swing | 3’0” (914 mm) | 8’0” (2438 mm) | Single point |
| Pairs | NOT PERMITTED | | |
| Double Egress | NOT PERMITTED | | |

Limitations:

- Permitted door types: Wood doors
- Minimum frame leg width: 4-9/16” (115.9 mm)
- Maximum frame leg width: Equivalent to wall thickness
- Minimum frame leg thickness: 3/4” (18.26 mm)
- Minimum rabbet (for 1-3/4” thick door): 2-3/16” (54.76 mm)
- Minimum stop height: 1/2” (12.7 mm)
- Minimum stop width: 2-7/16” (61.14 mm)
- Maximum kerf size: 1/8” x 3/8” (3.175 mm x 9.525 mm)



Frame and Stops:

- American Riviera II Inc. Premium Prime 20 minute fire rated wood door frame profile.
- Single rabbet frame, stop is integral to the frame profile.

Edge Sealing:

- Kerf-applied fire rated Category H smoke and draft seal must be used. Seal must be listed for use with wood frames and type of door being installed.

Mulled Assemblies:

- Not permitted.

Casing / Moulding:

- Finger-joined Pine (see Machining Specifications report for details).
- Minimum thickness: 21/32" (16.7 mm)
- Minimum width: 2-1/2" (63.5 mm)

Hinge and Strike Plates:

- All hinges and applicable hardware must be fire rated for use in openings at or above the fire rating of the frame system being installed.
- Preparation of all hinges shall be made in accordance with NFPA 80, the hinge manufacturer's installation instructions and templates.
- All strike plates and latch bolt receiver areas shall be prepared in accordance with the NFPA 80 and manufacturer's installation instructions and templates.

Electric Raceways:

- Not permitted.

Door Closer:

- Surface Mounted Door Closer only.
- Mortised Door Closer is not permitted.

Installation:

- Silicone applied between the jamb and rough opening on both sides of the assembly.
- For use in listed walls of steel or wood studs and drywall or masonry construction.
- Follow NFPA 80 installation guidelines as well as details outlined in the Machining Specifications report.

Notes: *Refer to QAI evaluation report F455-2 and the applicable test reports for test assembly configurations used for fire endurance testing.*

Refer to the [QAI FD002 - Fire Door Guidelines for general guidelines of fire door assemblies](#)

Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction (AHJ).

Product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.

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