

Ferche Millwork Fire Rated Jamb Specifications

12/14/09

Jamb Rating & Style	Composition	Allowed Species	Sidelight or Borrowed Lite	Transom	Maximum Opening Single	Maximum Opening Double	Minimum Wall Thickness	Jamb Thickness	Stop Dimension/ Style	Edge Banding	Casing Minimum Dimension
20 Min.Door - Flat F350-P.B.	Particle Board	Poplar, Yel/Pon Pine & denser	yes	no	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	11/16"	3/4" x 1 1/2" F353 T-stop	3/16" min.	1/4" x 1 1/2"
20 Min.Door - Flat F385-Solid	Solid Wood	Poplar, Yel/Pon Pine & denser	yes	no	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	3/4"	3/4" x 1 1/2" F353 T-stop	NA	1/4" x 1 1/2"
20 Min. Door - Rab. F355	Solid Wood	Poplar, Yel/Pon Pine & denser	yes	no	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	1 1/4"	1/2" Built-in	NA	1/4" x 1 1/2"
20 Min. Door - Rab. F359	Particle Board	Poplar, Yel/Pon Pine & denser	yes	no	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	1 1/4"	9/16" Built-in	3/16" min.	1/4" x 1 1/2"
20 Min. Sidelight F351	Particle Board or Solid Wood	Poplar, Yel/Pon Pine & denser	yes	no	4'0" x 8'0"	NA	3 3/4"	11/16"	5/8" x 1 1/4" F352 Flat	3/16" min.	1/4" x 1 1/2"
45 Min. Laminated F343	H.D. Fiberboard & Intumescent	Aspen or more dense	no	no	3'6" x 8'0"	NA	4 5/8"	3/4"	5/8" x 1 1/2" F3911 Flat	3/16" max.	5/16" x 1 1/2"
60 Min. Laminated F344	H.D. Fiberboard & Intumescent	Aspen or more dense	no	no	4'0" x 8'0"	NA	4 5/8"	3/4"	5/8" x 1 1/2" F3911 Flat	3/16" max.	5/16" x 1 1/2"
90 Min. Laminated F345	H.D. Fiberboard & Intumescent	Aspen or more dense	no	no	4'0" x 8'0"	NA	4 5/8"	3/4"	5/8" x 1 1/2" F3911 Flat	3/16" max.	5/16" x 1 1/2"
45 Min. GP Firestop F356	Gypsum	Oak, H.Maple Birch&denser	no	no	4'0" x 8'6"	8'0" x 9'0"	4 3/4"	1 1/32"	5/8" x 1 1/2" F3911 Flat	1/16" max.	5/16" x 1 5/8"
60 Min. GP Firestop F357	Gypsum	Oak, H.Maple Birch&denser	no	no	4'0" x 8'6"	8'0" x 9'0"	4 3/4"	1 1/32"	5/8" x 1 1/2" F3911 Flat	1/16" max.	5/16" x 1 5/8"
90 Min. GP Firestop F358	Gypsum	Oak, H.Maple Birch&denser	no	no	4'0" x 8'0"	4'0" x 8'0"	4 3/4"	1 1/32"	5/8" x 1 1/2" F3911 Flat	1/16" max.	5/16" x 1 5/8"

Notes:

Positive pressure frame certification is achieved through the use of an intumescent, either installed in the frame as is done with the GP Firestop or FyreWerks frames, or, applied to the frame in the form of a PSA (pressure sensitive adhesive) gasket, referred to as a Category "G", edge sealing gasket. A Category "B" Door (additional edge sealing required) is used in this positive pressure frame for a positive pressure opening.

Another method by which a door opening can achieve positive pressure certification is with a negative pressure frame installed with a Category "A" door which contains an intumescent in the edge for sealing between the door and frame.

A smoke seal gasket, Category "H" gasket, must be applied to the jamb in order to be given an "S" label certification.

The customer purchasing frames from Ferche needs to know what the local fire code requirements are where the frame will be used and what combination of gaskets or edge seals will be used to satisfy those requirements. If we machine the frames, we need the same information.