

FIRERATEDFRAMES



20, 45, 60 & 90 MINUTE
**FIRE-RATED
WOOD
DOOR FRAMES**

dozens of species
wide range of sizes
flat or rabbeted configurations
real, natural, stainable wood

**FERCHE
MILLWORK**

SPECIFICATIONS



FIRERATED FRAMES FOR DOORS[†]

	FRAME TYPE	COMPOSITION	QUALIFIED SPECIES	JAMB THICKNESS	MAXIMUM SINGLE OPENING	MAXIMUM DOUBLE OPENING	MINIMUM WALL THICKNESS	MINIMUM STOP TYPE & DIMENSION	MINIMUM CASING DIMENSION
20 MIN	Veneered Flat Jamb	Particle Board	Poplar, Yel/Pon Pine & Denser	11/16"	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	F353 T-Stop 3/4" x 1 1/2"	1/4" x 1 1/2"
	Solid Flat Jamb	Solid Wood	Poplar, Yel/Pon Pine & Denser	3/4"	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	F353 T-Stop 3/4" x 1 1/2"	1/4" x 1 1/2"
	Veneered Rabbeted Jamb	Particle Board	Poplar, Yel/Pon Pine & Denser	1 1/4"	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	Built-in 9/16"	1/4" x 1 1/2"
	Solid Rabbeted Jamb	Solid Wood	Poplar, Yel/Pon Pine & Denser	1 1/4"	4'0" x 8'0"	8'0" x 8'0"	3 3/4"	Built-in 1/2"	1/4" x 1 1/2"
45 MIN	Laminated Flat Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 1/2" or No Casing*
	Laminated Rabbeted Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	LF3911 5/8" x Variable	5/16" x 1 1/2" or No Casing*
	Laminated Flat Jamb	Gypsum	Oak, Hard Maple, Birch & Denser	1"	4'0" x 9'0"	8'0" x 9'0"	4 3/4"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 5/8"
60 MIN	Laminated Flat Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 1/2" or No Casing*
	Laminated Rabbeted Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	LF3911 5/8" x Variable	5/16" x 1 1/2" or No Casing*
	Laminated Flat Jamb	Gypsum	Oak, Hard Maple, Birch & Denser	1"	4'0" x 9'0"	8'0" x 9'0"	4 3/4"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 5/8"
90 MIN	Laminated Flat Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 1/2" or No Casing*
	Laminated Rabbeted Jamb	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	4'0" x 8'0" 3'6" x 9'0"	7'0" x 9'0"	4 5/8"	LF3911 5/8" x Variable	5/16" x 1 1/2" or No Casing*
	Laminated Flat Jamb	Gypsum	Oak, Hard Maple, Birch & Denser	1"	4'0" x 8'0"	4'0" x 8'0"	4 3/4"	F3911 Flat 5/8" x 1 1/2"	5/16" x 1 5/8"

* Where the option is indicated, frames can be used without casing provided that "NO-CASING" is specified **PRIOR** to manufacture to ensure proper materials and ratings specifications are adhered to. Failure to indicate a "NO-CASING" application could result in a failed inspection and incorrect manufacture and labeling. It is the purchaser's responsibility to provide this information prior to ordering.



FIRERATED FRAMES FOR SIDELIGHTS & TRANSOMS[†]

	FRAME TYPE	COMPOSITION	QUALIFIED SPECIES	JAMB THICKNESS	OPENING SIZE PARAMETERS	MINIMUM WALL THICKNESS	MINIMUM STOP TYPE & DIMENSION	MINIMUM CASING DIMENSION
20 MIN	Flat Sidelight Frame	Particle Board	Poplar, Yel/Pon Pine & Denser	11/16"	4'0" x 8'0" Max Opening	3 3/4"	F353 T-Stop 3/4" x 1 1/2"	1/4" x 1 1/2"
	Flat Sidelight Frame	Solid Wood	Poplar, Yel/Pon Pine & Denser	3/4"	4'0" x 8'0" Max Opening	3 3/4"	F353 T-Stop 3/4" x 1 1/2"	1/4" x 1 1/2"
	Rabbeted Sidelight Frame	Particle Board	Poplar, Yel/Pon Pine & Denser	1 1/4"	4'0" x 8'0" Max Opening	3 3/4"	Built-in 9/16"	1/4" x 1 1/2"
	Rabbeted Sidelight Frame	Solid Wood	Poplar, Yel/Pon Pine & Denser	1 1/4"	4'0" x 8'0" Max Opening	3 3/4"	Built-in 1/2"	1/4" x 1 1/2"
	Flat Slidelight Frame w/Clips	Particle Board & Solid Wood	Poplar, Yel/Pon Pine & Denser	11/16"	4'0" x 8'0" Max Opening	3 3/4"	F352 SL Stop 5/8" x 1 1/4"	1/4" x 1 1/2"
45 MIN	Sidelight Frame	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	Height: to Match Door Width: ≤ 1/2 Door Width	4 5/8"	F3911 Flat 5/8" x 1 1/2"	None Required
	Transom Frame	H.D. Fiberboard & Intumescent	Aspen & Denser	3/4"	Height: ≤ 1/2 Door Width Width: to Match Door	4 5/8"	F3911 Flat 5/8" x 1 1/2"	None Required

† Certain parameters are contingent on others. Please consult your Ferche representative to verify proper specification prior to ordering.

Positive pressure frame certification is achieved through the use of an intumescent, either installed in the frame (like with Ferche Fire-Rated 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 is used with Ferche Fire-Rated Frames in this assembly to achieve the positive pressure rated opening.

A Category "A" door is used when paired with a negative pressure frame (such as hollow metal frames).

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 the local fire codes and regulations in the location where the frames will be installed as well as what combination of gaskets or edge seals that will be used to satisfy those requirements. This information should be provided with your order details.

Ratings issued through WHI (Warnock Hersey/Intertek Testing) & QAI. Machining requires proper certification from proper ratings agency.



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For more information, please visit
FIRERATEDWOODDOORFRAMES.COM

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FERCHE.COM 800-328-7867