



# ARCHITECTURAL FRAMES & LITES





# NAVY ISLAND

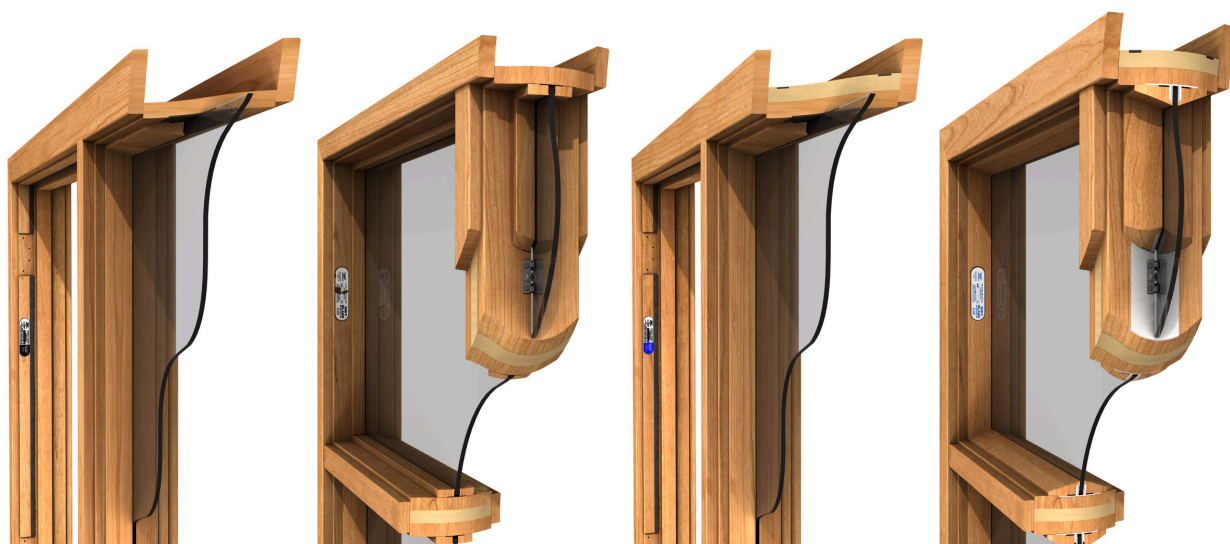
## FRAME SPECIFICATIONS



	FlameTech® 20 Minute Frame	FlameTech® 45 Minute Frame	FlameTech® 60 Minute Frame	FlameTech® 90 Minute Frame
FIRE RATING	20 MINUTE Positive or Negative Pressure UL, ITS (Warnock Hersey)	45 MINUTE Positive Pressure UL, ITS (Warnock Hersey)	60 MINUTE Positive Pressure ITS (Warnock Hersey)	90 MINUTE Positive Pressure ITS (Warnock Hersey)
CONSTRUCTION MATERIAL	SOLID WOOD Any species which meets the Minimum Density Requirements†	SOLID WOOD Any species which meets the Minimum Density Requirements†	WOOD VENEER	WOOD VENEER
MAX. SIZE	8/0 X 9/0 ASSEMBLY	6/0 X 9/0 ASSEMBLY	7/0 X 8/0 ASSEMBLY	7/0 X 8/0 ASSEMBLY
MIN. JAMB WIDTH	3-3/4" in wood/steel stud or masonry	4-15/16" in wood/steel stud or masonry	4-3/4" in wood/steel stud or masonry	5-0" in wood/steel stud or masonry
INTUMESCENT MATERIAL	NEG. PRESSURE: None used	Pemko HSS200	Embedded & Concealed	Embedded & Concealed
	POS. PRESSURE: Pemko HSS2000			
GASKETING	NEG. PRESSURE: Any rated gaskets	Pemko S88	N/A	N/A
	POS. PRESSURE: Pemko S88			
ROUGH OPENING	Lined with 2" nominal wood stud, min. If mounted in masonry, stud anchored with mech. fasteners at max of 24" O.C. A min. of 5/8" gypsum board must be used.	Lined with 3-1/2" nominal wood stud, min. If mounted in masonry, stud anchored with mechanical fasteners at max of 24" O.C. A min. of 5/8" gypsum board must be used.		
SHIM SPACE	No more than 1/4" between stud and frame. If tightly fitted with fiberglass insulation, clearance may be increased to 1/2"	No more than 1/4" between stud and back of jamb.		
ASSEMBLY REQUIREMENTS	Frame legs and header: 1-5/8" screws, or 10d finish nails. Loose stops: 16 ga. staples or 4d nails, 2" from any end.			
JAMB ATTACHMENTS	Attach jamb legs and header with minimum 10d finish nails, maximum 24" O.C.			
OTHER	Min. Hinge Size: Per NFPA #80 Latest Ed. Screw Req.: At least one used to secure each hinge and latch strike to stud must be 2-1/2" min. Frame must be installed in accordance with NFPA #80 and #105 Latest Editions.			

†33 pcf (529 kg/m3) equal or greater than that of Honduras Mahogany.

MINIMUM CASING REQUIRED: 3/8" x 1-3/4" Must be 3/8" or greater at shim space. Must be attached with min. 6d finish nails, 24" O.C.



	FlameTech® 20 Minute Sidelite	FlameTech® 20 Minute Borrowed Lite	FlameTech® 45 Minute Sidelite	FlameTech® 45 Minute Borrowed Lite
FIRE RATING	20 MINUTE Negative Pressure UL, ITS (Warnock Hersey)	20 MINUTE Negative Pressure UL, ITS (Warnock Hersey)	45 MINUTE Positive Pressure UL, ITS (Warnock Hersey)	45 MINUTE Positive Pressure UL, ITS (Warnock Hersey)
CONSTRUCTION MATERIAL	SOLID WOOD Any species which meets the Minimum Density Requirements†	SOLID WOOD Any species which meets the Minimum Density Requirements†	SOLID WOOD Any species which meets the Minimum Density Requirements†	SOLID WOOD Any species which meets the Minimum Density Requirements†
MAX. SIZE	4/6 X 9/0 ASSEMBLY No individual visible glass size may be greater than 1296 sq.in.	7/0 X 8/8 ASSEMBLY No individual visible glass size may be greater than 1296 sq.in.	5/6 X 9/0 ASSEMBLY No individual visible glass size may be greater than 2810 sq.in.	12/0 X 11/4 ASSEMBLY No individual visible glass size may be greater than 2810 sq.in.
MIN. JAMB WIDTH	3-3/4” in wood/steel stud or masonry	3-3/4” in wood/steel stud or masonry	4-15/16” in wood/steel stud or masonry	4-15/16” in wood/steel stud or masonry
INTUMESCENT MATERIAL	None used	None used	See Glazing	See Glazing
GASKETING	No gasketing used	No gasketing used	See Glazing	See Glazing
ROUGH OPENING	Lined with 2” nominal wood stud, min. If mounted in masonry, stud anchored with mech. fasteners at max of 24” O.C. Minimum of 5/8” gypsum board required.		Lined with 3-1/2” nominal wood stud, min. If mounted in masonry, stud anchored with mech. fasteners at max of 24” O.C. A min. of 5/8” gypsum board required.	
SHIM SPACE	No more than 1/4” between stud and frame. If tightly fitted with fiberglass insulation, clearance may be increased to 1/2”		No more than 1/4” between stud and back of jamb.	
ASSEMBLY REQUIREMENTS	Attach sides, bottom/sill and header with a min. of 1-5/8” screws or 10d finish nails			
GLAZING	Approved fire-rated glass must be 1/4” less than opening and installed with FireClips™ and sealed with glazing tape or silicone caulk.		Approved fire-rated glass must be 1/4” less than opeining and installed with FireClips™ and sealed with Pemko FG1000 (glass face) FGS4000 (stop face).	
JAMB ATTACHMENTS	Attach individual units to each other with 2” screws behind glass stops. Units must be separated by 3/4” MDF. Attach assembly to studs with a min. of 10d finish nails, not to exceed 24” O.C.			
OTHER	Stop Application: Field or shop applied with 4d finish nails. <b>Sidelight and clips must be installed in accordance with NFPA #80 and #105 Latest Editions.</b>			

†33 pcf (529 kg/m3) equal or greater than that of Honduras Mahogany.

MINIMUM CASING REQUIRED: 3/8" x 1-3/4" Must be 3/8" or greater at shim space. Must be attached with min. 6d finish nails, 24" O.C.





# YOUR COMPLETE RESOURCE FOR ARCHITECTURAL WOOD PRODUCTS.

## VENEER PANELS

- Cut-to-size panels up to 5' x 14', thicknesses from 1/32" to 3"
- Color & grain matched or blueprint-matched to doors and frames
- Approximately 3 million square feet of 715 different species/slice/grade combinations
- Custom stain and finish matching
- Internally or externally-applied solid edgebanding
- Externally-applied veneer edgebanding
- LEED compliant veneers and cores

## ARCHITECTURAL DOORS

- Non-rated, 20 Minute, 45 Minute, 60 Minute and 90 Minute fire-rated singles and pairs
- True stile & rail doors
- Acoustical, lead-lined & bullet-resistant
- Door sizes up to 7' x 14' x 2-1/4" thick
- Color & grain matched or blueprint-matched to panels and frames
- Custom stain and finish matching
- Over 2100 doors in stock, with emergency 24-hour custom manufacturing on specific items
- Custom machining, including all popular types of locks, locksets, hinges, flush bolts, exit devices, viewers and closers
- LEED compliant veneers and cores

## FRAMES & LITES

- FlameTech® 20 & 45 minute fire-rated wood frames and lites
- FlameTech® 90 minute fire-rated veneer frames and lites
- Linear and compound radius multiple lite wall installations
- AWI Premium Grade fastener-less frames
- Split jamb frames
- Lock miter frames
- Custom matched veneer frames, jambs, casing and trim
- Color & grain matched or blueprint-matched to panels and doors
- Shipped pre-assembled or knocked-down
- Rear-fastened, T-profile door stops
- Optional veneer over solid wood jambs

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