

DOOR FRAMES

Eggers' meticulously-crafted door frames are rivaled only by their beauty, quality and lasting performance.



Eggers Industries



Turning nature's beauty into works of art

DOOR FRAMES

Eggers Industries is the door manufacturer of choice because of its uncompromising commitment to excellence and unwavering attention to detail. Those exacting standards extend to our door frames, which not only match our doors in quality, but enhance the overall beauty and performance of every Eggers' door.

- Available as non-rated, 20- or 45-minute veneered or solid lumber frames.
- 90-minute veneered frames available with Warnock Hersey label.
- Positive or negative pressure.
- All frame components shipped knocked down.
- Marked and bundled by opening.
- Available with an STC test report up to 45 when bought in combination with an Eggers' acoustical door
- Factory machining and finishing available.
- For non-rated frame information, refer to AWS, Section 6, Edition 1.



UL FIREGUARD		20-MINUTE FRAMES, SIDELITES & BORROWED LITES	
	Frame & Sidelite	Borrowed Lite	
Frame Size	Minimum 3/4" thick frame with 3/4" thick MDF filler, 3-3/4" minimum width		
Overall Opening	14' 2" x 11' 6" maximum	5' 9" x 11' 6" maximum	
Single Door Opening	4' x 9' maximum	N/A	
Pair Door Opening	8' x 9' maximum	N/A	
Wood Density	30#/cu. ft. Paint Grade Poplar OK		
T-stop	Minimum 5/8" x 1-1/2"	N/A	
Shim Space	Maximum 1/2" – if greater than 1/4" must be filled with fiberglass		
Casing	Minimum 3/8" x 1-3/4" – casing may be supplied by others (custom profiles available)		
Lite Stops	3/4" x 1-1/8" minimum		
Panels	Maximum 48" x 116"		
Lite Opening/Transom	Maximum 36" x 96" or 96" x 36"		
Glass	1/4" wire glass must be manufactured by Pilkington or Asahi Pyroedge-20 SuperLite I-20 or Firelite Plus – Eggers does not supply glass		
Silencer Buttons	Surface applied only		
Options	Frame may be veneered MDF		
Corner Detail	Square cut only – header runs through		

20- & 45-Minute UBC

Eggers' fire-rated door frames are approved for use in positive pressure installations. Frame labels do not have any reference to positive pressure and are not supplied with edge seals. The opening will meet positive pressure requirements only when a positive pressure labeled door is installed with an edge seal system approved for use with that door.

Positive pressure openings in accordance with UBC 7-2-1 can be accomplished in two basic ways:

- Category "A" Doors – This category includes doors that are listed for use as fire doors without the use of field installed edge seals (such as intumescent).
- Category "B" Doors – This category includes doors that require the field installation of a listed edge seal to meet their fire protection rating.

The new codes also require gasketing to meet the smoke control requirements of UBC 7-2-2 (1997). The gasketing completely conceals the intumescent on the frame.

	Frame & Sidelite	Borrowed Lite
Frame Size	Minimum 3/4" thick frame with 3/4" thick MDF filler, 4-7/8" minimum width	
Overall Opening	12' x 11' 6" maximum	5' 9" x 11' 6" maximum
Single Door Opening	4' x 9' maximum	N/A
Pair Door Opening	6' x 9' or 8' x 8' maximum	N/A
Wood Density	33#/cu. ft.	
T-stop	Minimum 5/8" x 1-1/2"	N/A
Shim Space	Maximum 1/2" – if greater than 1/4" must be filled with fiberglass	
Casing	Minimum 3/8" x 1-3/4" – casing may be supplied by others	
Lite Stops	3/4" x 1-5/8" minimum	
Panels	Maximum 48" x 116" (minimum 1-3/4" thick)	
Lite Opening/Transom	Maximum 36" x 96" or 96" x 36"	
Glass	1/4" wire glass or Firelite Plus – wire glass must be manufactured by Pilkington or Asahi Eggers does not supply glass	
Silencer Buttons	Surface applied only	
Options	Frame may be veneered MDF	
Corner Detail	Square cut only – header runs through	

Optional Casing Details

Custom details and examples are available at www.eggertindustries.com



WHI

FIREGUARD 20-MINUTE FRAMES

Frame Size	3/4" thickness, 3-3/4" minimum width, 4-1/2" minimum width with panel
Assembly Size	8' x 9' maximum
Casing	Any profile with 3/8" or more material at shim space – minimum width 1-3/4" (casing may be supplied by others)
Stop Application	Field applied with 16 gauge staples or 4d nails – minimum 2" from any end and maximum 12" on center
T-stop	1/2" x 1-1/2"
Frame Profile	T-stop, double and single rabbet
Shim Space	No more than 1/4" clearance between studs and back of frames If tightly filled with fiberglass insulation, clearance may be increased to 1/2"
Rough Opening	Opening lined with minimum 2" nominal wood stud – 5/8" gypsum board required
Masonry Opening	Stud must be anchored with mechanical fasteners – maximum 24" center
Frame Attachment	10d nails in pairs at a maximum of 24" on center – one 2-1/2", #10 screw at each hinge and latch Replacement screws supplied with hardware
Minimum Stop Dimension from Edge of Frame	1-7/8" on 1-3/4" doors, 2-3/8" on 2-1/4" doors
Silencer Buttons	Surface applied only

WHI

20-MINUTE SIDELITES AND BORROWED LITES

	Sidelite	Borrowed Lite
Frame Size	3/4" thickness, 3-3/4" minimum width, 4-1/2" minimum width with panel	
Assembly Size	4' 6" x 9' maximum	7' x 8' 8" maximum
Casing	Any profile with 3/8" or more material at shim space – minimum width 1-3/4" (casing may be supplied by others)	
Stop Application	Field applied with 16 gauge staples or 4d nails – minimum 2" from any end and maximum 12" on center	
Glazing Stop Size	1/2" x 1-1/4"	
Shim Space	No more than 1/4" clearance between studs and back of frame If tightly filled with fiberglass insulation, clearance may be increased to 1/2"	
Rough Opening	Opening lined with minimum 2" nominal wood stud – 5/8" gypsum board required	
Masonry Opening	Stud must be anchored with mechanical fasteners – maximum 24" on center	
Glazing	Maximum 1296 sq. in. per pane; maximum 54" high/wide – glass to be 1/4" less than opening Eggers' clips required – sealed with glazing tape or silicone caulk (Eggers does not provide glass)	
Attachment to Frame	Must be screwed to frame behind glass stop with 3/4" MDF filler between frames and sidelite	N/A
Frame Attachment	10d nails or 2-1/2" screws in pairs at a maximum of 24" on center	
Proximity	N/A	Adjacent borrowed lite must meet approved framing requirements

Size Limit	8' x 9' opening
Frame Width	5" to 12"
Thickness Overall	1-1/2" minimum, 2-1/2" maximum (3/4" minimum thickness from face of frame to deepest portion of plow)
Machining	Hollowed-out to wrap minimum 3-3/4" thick wall – grooved for T-stop
T-stop	Frame may be furnished with or without solid wood T-stops (a 20-minute fire rating requires the use of a T-stop)
Shim Space	No shim space intended – 1/4" maximum shim space if needed (jamb must overlap drywall by 1/2")
Corner Detail	Must have rabbeted, mitered or butt and doweled joints at header – standard frame provided with veneer on all sides
Options	Optional 1-1/2" thick lumber edges, either square, bullnose or profiled design. Can be furnished with or without T-stops. (T-stops must be used to maintain 20-minute rating.) Can be furnished premachined and factory finished. Any size or configuration frame is available. Variations from frames indicated may not be WHI approved. Can be ordered in stock lengths, in sets or in specified lengths. Two species can be used on the frame to match adjoining rooms with a different decor. Solid lumber frame.

FireGuard PLUS

Eggers' FireGuard frames have a number of advantages and features not available with solid lumber or metal frames.

Most important is the fact that frames and door lites or panels can be matched in any commercially available veneer species. This assures a superior color match when compared to solid lumber or metal frames.

The following advantages of veneered frames also apply:

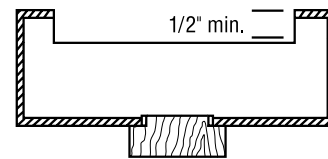
- Increased resistance to denting compared to many moderately soft hardwoods such as Mahogany, Walnut and Cherry.
- Increased stability that eliminates the risk of twisting or warping.
- Ease of repair – nicks and chips can be easily patched and touched up.
- Easier to install than a three-piece frame.
- Supplied finish sanded.
- Generally lower cost than solid lumber, especially in the more exotic species.

Optional Edge Treatments

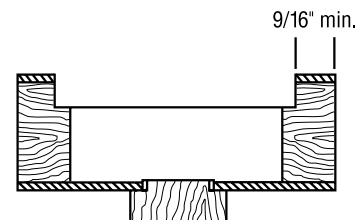
Eggers offers a variety of choices where a solid lumber edge is compatible with a specific veneer specie and where a profile or custom edge is desired. The features and options shown also apply to frames with lumber banded edges.

Wrap Around Frame Options

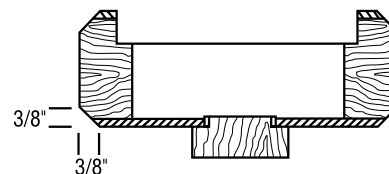
Eggers' profile options are pictured to the right. The backs are hollowed out for 2 x 4 or 2 x 6 wrap around. Check with your Eggers representative for additional profile design options.



**Standard Frame
FG-H1 – Veneer Edge**



**Optional Frame
FG-H2 – Lumber Edge**



**Optional Frame
FG-H3 – Bullnosed Lumber Edge**

Frame Size	1" minimum thickness, 5" minimum width
Assembly Size	8' x 8' maximum – singles 4' x 8' maximum (no sidelites, borrowed lites or transoms)
Casing	Minimum 1-3/4" wide x 3/8" thick – casing may be supplied by others
Stop Application	1-1/2" trim head screws or spiral nails with 1/8" head in pre-drilled holes spaced a maximum of 12" on center
Flat Stop Size	Minimum 1" wide x 5/8" thick
Rough Opening for 1" Frames	3" +/- 1" wider than net opening for door (1-1/2" +/- 1/2" higher than net opening for door)
Masonry Opening	A 2" x 3" nominal dimension lumber buck frame shall be attached to masonry with 3/8" expansion masonry anchors spaced at a maximum of 26" on center
Hinges	Per NFPA #80
Stop Dimension from Edge of Frame	Minimum 1-7/8" on 1-3/4" doors – minimum 2-3/8" on 2-1/4" doors
Silencer Buttons	Not allowed
Corner Detail	Square cut or miter cut
Warranty	Failure to install in accordance with installation instructions will void label

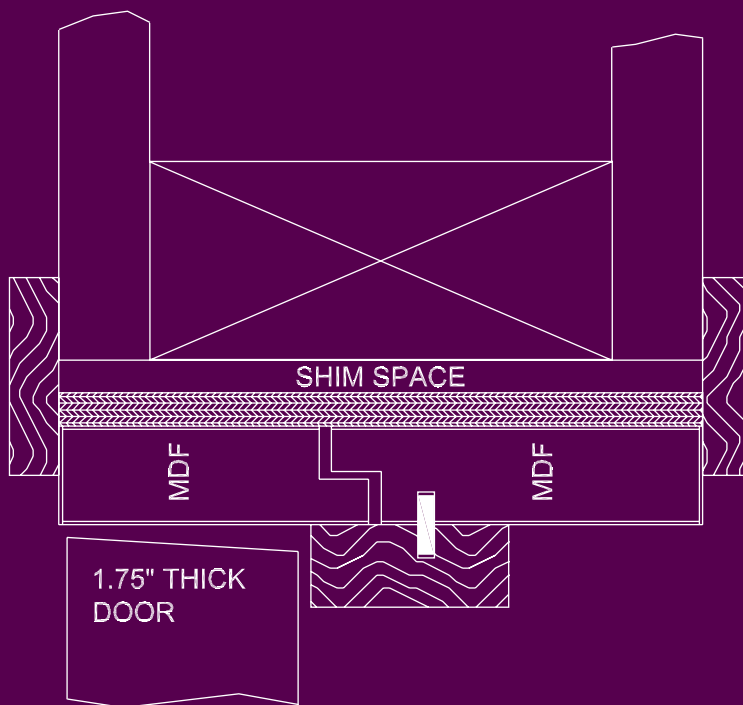
Optional Casing Details

Custom details and examples are available at www.eggersonindustries.com



Acoustical Frames

Eggers' acoustical wood jambs allow the beauty of our doors to be accented with matching wood frames, designed to create a cohesive look metal frames can't match. Create a masterpiece, knowing Eggers will work diligently to make your acoustical door and frame a perfect match. Available with an STC sound test report up to an STC 45, Eggers' two piece acoustical frame is sold exclusively in combination with Eggers' acoustical doors. Please see our Acoustical Products brochure for more information.



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Door Frames, Plywood,
Veneered Components

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Eggers releases regular product updates. Please visit www.eggersindustries.com for the most current and accurate technical information. Specification details published online supersede those in print.

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