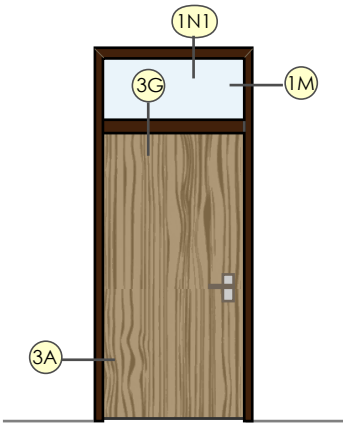
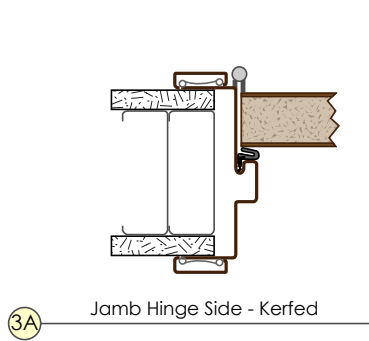


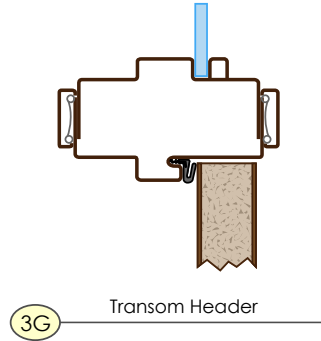
Shown with TA-8 Steel Casing as example.



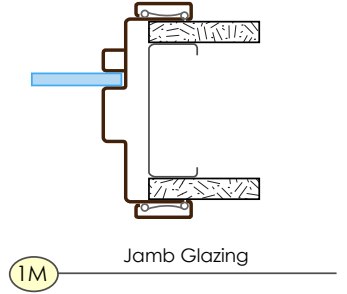
KERFED FRAME - SINGLE WITH TRANSOM



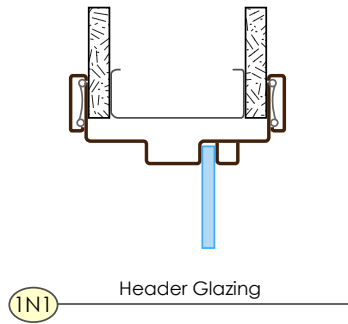
3A Jamb Hinge Side - Kerfed



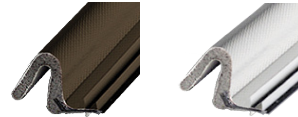
3G Transom Header



1M Jamb Glazing



1N1 Header Glazing



TA-46 Gasket: Weather Strip/Smoke Seal. Available in Browntone and White.

Note: Specify Color and Length.

ROUGH OPENING DIMENSIONS

WIDTH

For standard frame with transom and no sidelights, opening width is same as for a three sided frame. Opening width area will vary if using a partial height or stepped sidelight. The opening dimension is calculated separately for each "step" in the sidelight.

ROUGH OPENING: Standard frame: Net door width + 1 1/4"

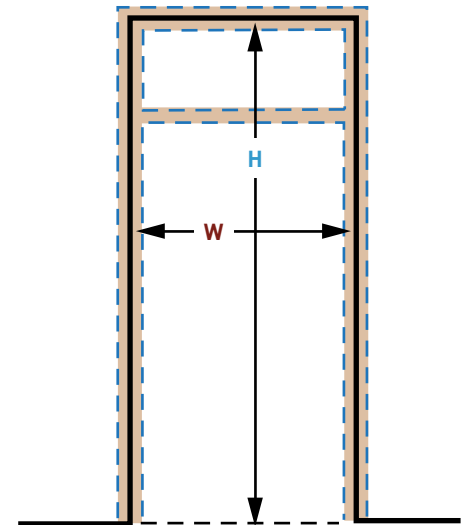
ROUGH OPENING: Transom frame: Nominal door width + net width of glass area + 2" for mullion(s) + 1 1/4"

HEIGHT

Opening height includes the net door height plus the transom mullion(s) and glass area(s). For frames with stepped or partial height sidelights, the light area height is calculated differently than the door area. Measurement is based on calculating the rough opening for the door area first, then measuring from the top down on the sidelight area.

ROUGH OPENING: Door area: Net door opening height + net glass dimension(s) + 2" for mullion(s) + 13/16"

ROUGH OPENING: Transom area: Net glass dimension plus 2" for mullion(s) + 1 1/4"



W = Nominal Width + 1 1/4"

H = Net Door Opening Height + Glass Height + 2" for Mullion + 13/16"

RELATED INFORMATION

FRAME MATERIALS	DOOR SIZE AND WEIGHT	JAMB DEPTH RANGES
Prefinished Steel	Max. Door Weight: 500 Lbs.	Jamb Depths: 4" to 8"
DOOR THICKNESS	Max. Door Width: 4' - 0"	
1 3/4" only	Max. Door Height: 8' - 0"	
FRAME THICKNESS		
18 gauge		

All widths and heights are inside dimensions - net door or glass opening size.

FIRE RATING DOOR AREA

JAMB DEPTH RANGE	20 MINUTE*	45 MINUTE	GENERAL INFORMATION
Min. Jamb Depth: 4"	Max. Width: 4' - 0"	Max. Width: 4' - 0"	<ol style="list-style-type: none"> All openings approved for Positive and Neutral pressure unless otherwise noted. All ratings apply to steel stud, wood stud, or masonry construction. All ratings approved for category "A" and "B" doors with category "G" edge sealing. Timely's fire rated Metal "U" Insert is recommended for masonry installations. If wood subframe is used in place of Metal "U" Insert, it will be necessary to use fire rated drywall on both sides of wood to maintain fire rating. Wood or Aluminum casing does not affect ratings on door frames. Wood casing must be applied with hot melt glue or contact adhesive on 90 minute rated frames and on all glazed openings with 45 minute or 60 minute rating. On all other fire rated frames, wood casing can be applied with nails or finish head screws on jamb and mullions. Single frames must be prepared for strike or reinforced with (TA-47) for a rim exit device strike. Embossed WHI 90 min. label is available for Primer Galvanized Frames only. Metal 90 min. label riveted to frame is available.
Max. Jamb Depth: 8"	Max. Height: 10' - 0"	Max. Height: 9' - 0"	
<p>All dimensions shown are inside dimensions - net door opening size.</p> <p>* Tested and approved for Neutral Pressure only - not Positive Pressure approved.</p> <p>Distributors of Timely Frames may be approved to purchase labels and apply them to frames at their own facility. Intertek has set guidelines and a fee schedule for this program. Requirements and prices are available from Timely or Intertek.</p>			

FIRE RATINGS 45 MINUTE TRANSOM AREA

ASSEMBLY	DOOR AREA	GLASS AREA*	GENERAL INFORMATION
Max. Width: 9' - 7"	Max. Door Width: 4' - 0"	Width: up to 2'	<ol style="list-style-type: none"> All openings are approved for Positive and Neutral pressure unless otherwise noted. All ratings apply to steel stud, wood stud, or masonry construction. All ratings approved for category "A" and "B" doors with category "G" edge sealing. Timely's fire rated Metal "U" Insert is recommended for masonry installations. If wood subframe is used in place of Metal "U" Insert, it will be necessary to use fire rated drywall on both sides of wood to maintain fire rating. Aluminum casing does not affect fire rating. Wood casing must be applied with hot melt glue or contact adhesive on 90 minute rated frames and on all glazed openings with 45 minute or 60 minute rating. On all other fire rated frames, wood casing can be applied with nails or finish head screws on jamb and mullions. Single frames must be prepared for strike plate or reinforced with (TA-12) for a rim exit device strike.
Max. Height: 9' - 11"	Max. Door Height: 9' - 0"	Width: over 2' up to 3'** Max. Height: 4' - 6'***	
<p>Visible light is 1" less in width and height</p> <p>All dimensions shown are inside dimensions - net door opening size.</p> <p>* Multiple Glass Areas can be created with Mullions. The only limitations are Max. Assembly Width and Height.</p> <p>** For glass widths exceeding 24" the maximum glass area is 1296 sq. in. unless approved by local AHJ.</p> <p>Distributors of Timely Frames may be approved to purchase labels and apply them to frames at their own facility. Intertek has set guidelines and a fee schedule for this program. Requirements and prices are available from Timely or Intertek.</p>			