

RELATED INFORMATION

SOUND

FRAME MATERIALS	DOOR SIZE AND WEIGHT	JAMB DEPTH RANGES	RATINGS
Prefinished Steel	<p><b>Door Thickness:</b> 1 3/8" or 1 3/4"</p> <p><b>Max. Door Weight:</b> 500 Lbs.</p> <p><b>Max. Door Width:</b> 4' - 0"</p> <p><b>Max. Door Height:</b> 12' - 0" *</p>	<p><b>Standard Jamb Depths</b></p> <p><b>S-Series (20 gauge):</b> 3 3/4", 4 5/8", 4 7/8", 5" and 5 3/8"</p> <p><b>C-Series (18 gauge):</b> 3 1/2", 3 3/4", 4", 4 5/8", 4 7/8", 5", 5 3/8", 6 5/8", 6 7/8" and 7 1/4"</p> <p><b>Custom Jamb Depths</b></p> <p><b>C-Series (18 gauge):</b> 2 5/8" to 13" in 1/8" increments.</p>	Not Available

\* Height on custom Jamb Depths is limited to 10' - 1"

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

FIRE RATING

JAMB DEPTH RANGE	20 minute* (C-Series only)	45, 90 minute (S & C-Series)	GENERAL INFORMATION
<p><b>Min. Jamb Depth:</b> 3 3/8"</p> <p><b>Max. Jamb Depth:</b> 13"</p>	<p><b>Max. Door Width:</b> 4' - 0"</p> <p><b>Max. Door Height:</b> 10' - 0"</p>	<p><b>Max. Door Width:</b> 4' - 0"</p> <p><b>Max. Door Height:</b> 9' - 0"</p>	<ol style="list-style-type: none"> <li>All openings approved for Positive and Neutral pressure unless otherwise noted.</li> <li>All ratings apply to steel stud, wood stud, or masonry construction.</li> <li>All ratings approved for category "A" and "B" doors with category "G" edge sealing.</li> <li>Timely's fire rated Metal "U" Insert is recommended for masonry installations. If wood sub-frame 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.</li> <li>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 jambs and mullions.</li> <li>Single frames must be prepared for strike or reinforced with (TA-12) for a rim exit device strike.</li> <li>Embossed WHI 90 min. label is available for Primed Frames only.</li> <li>Metal 90 min. label riveted to frame is available.</li> </ol>

All dimensions shown are inside dimensions - net door opening size.

\* Tested and approved for Neutral Pressure only - not Positive Pressure approved.

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.

## ROUGH OPENING DIMENSIONS

### WIDTH

Rough opening width is 1 1/4" over nominal door width. This provides for 5/8" clearance between the jamb and the wall. This clearance is necessary for the pocket on the strike and the projection of the hinge screws. Frames can be installed with smaller opening widths but, in some cases, the framing must be relieved to provide the necessary clearance for plumbing the frame and installing the hardware. Opening width maximum is 1 7/8" which allows 5/16" of the frame face against the wall. For wider rough openings, the frame must be positioned with equal clearance on both sides. (Use oval alignment slots to adjust clearance when installing).

**ROUGH OPENING WIDTH: Classic Frames: (S-Series and C-Series) –**  
 Nominal door width + 1 1/4"

### HEIGHT

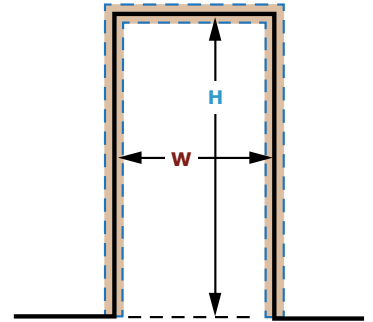
Rough Opening height must provide clearance to level the header and interlock the jambs. Uneven floors will affect this measurement. Maximum space for adequate anchorage is 1 3/16" over net height resulting in approximately 5/16" of the frame face against the wall. While this is not recommended, the frame can still be installed.

Timely standard height - 3/16" over nominal.

**ROUGH OPENING HEIGHT: Nominal Height + 1" (Net height + 13/16")**

Net Height – Frames manufactured to net heights

**ROUGH OPENING HEIGHT: Net height + 13/16"**



**W** = Nominal Width + 1 1/4"

**H** = Nominal Height + 1"  
 (Timely standard height)

**H** = Net Height + 13/16"  
 (All other frame specs)