**7160 (F90) Series**

**Concealed Vertical Rod Exit Devices**

Application for Wood Door & Metal Frame with Optional 794 Floor Strike

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**For Notes & Frame Prep**

*See Sheet 2*

**DOOR SPECIFICATION**

Door Thickness: 1-3/4" (45mm) Min.

Door Construction: Wood or composite door with fire or panic rating as required. Door may require metal channel edge which may alter backset dimensions. Consult door manufacturers listings.

Exit Device Ratings:
- 7160W, 7165W Panic Exit Doors up to 4'x8'
- 7160WF90, Fire Exit Doors up to 4'x8', Rated up to 1-1/2 hr.
- 7160W-10, 7165W-10 Panic Exit Doors up to 4'x10'
- 7160WF90-10, Fire Exit Doors up to 4'x10', Rated up to 1-1/2 hr.

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**794 STRIKE DETAIL**

A/R For 1/4-20 Screw Anchor (2 Places)

1/4 (6) Recommended
3/4 (Maximum)

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**794 Floor Strike & Bolt**

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Notes:

1. Do not scale drawing.
2. Dimensions are in inches (mm).
3. Preparation is typical for both hands.
5. Prepare mounting holes when installing the device.
6. Drawing shows elevation (frame bisected on strike center), bottom view looking up and side view.
7. Provide adequate structural support to maintain door integrity after device installation with power tools, door use, or abuse.
8. This template does not cover devices without bottom rod ("-LBR" Series).
9. Door located in frame for door silencers. If not used, compensate this dimension to seat the door against the stop without rattle.
10. Device mount to hinge stile (not shown) requires hole location and preparation during device installation. Door structural requirements are similar for both stiles.
11. For outside trim preparation see appropriate trim template.
12. For electrical devices (suffixes "-B", "-G", "-O", "-P", "-S") also see template 7477-0001.
13. Bottom bolt should retract to 5/32 (4.0) above floor strike. Floor coverings in the door path must be laid accordingly.

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