(F)19 Surface Vertical Device

Surface Vertical Rod Panic and Fire Exit Device, Wood Door, LHR Shown, RHR Opposite

**Diagram**

- **FRAME STOP**
  - 1⅛" (44 mm)
  - 9⅛" (14 mm)
- **DEVICE**
  - ⅛" (6 mm)
  - ⅛" (13 mm)
  - ⅛" (32 mm)
- **FINISHED FLOOR**
  - ⅛" (6 mm)
  - (⅛" 19 mm max.)

**BACKSET**

<table>
<thead>
<tr>
<th>Installation</th>
<th>1⅛&quot; Min. Stile</th>
<th>3½&quot; Stile to Flush Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Rod Device(s)</td>
<td>1⅛&quot;</td>
<td>2¼&quot;</td>
</tr>
<tr>
<td>Vertical Rod over 161 prep.</td>
<td>—</td>
<td>2¼&quot;</td>
</tr>
<tr>
<td>Vertical Rod x Rim Device</td>
<td>—</td>
<td>2⅛&quot;</td>
</tr>
<tr>
<td>(571 strike)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical Rod x Rim Device</td>
<td>—</td>
<td>1⅛&quot;</td>
</tr>
<tr>
<td>(571-A strike)</td>
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</tbody>
</table>

*Note: 571 & 571-A strikes are not approved for fire rated applications.*

- **Device with trim, refer to trim template.**
- **Exit only device:**
  - Drill ⅛" (4 mm) diameter x 1⅛" (32 mm) deep, or refer to Template W-4014 for sexbolt preparation (10 holes).
  - **Fire rated devices require sexbolts.**

- **Application**
  - **"A"**
  - **"B"**
  - 19-V x KIL Trim 2¼" 4½"
  - 19-V x KIK Trim 2¼" 4½"
  - 19-V x Centron Trim 2¼" 4½"
  - 19-V x Exit Only 1⅛" 3½"
  - 19-V x Control Trim 1⅛" 3½"

- For device with trim, refer to trim template.
- For exit only device ⅛" (10 mm) dia. hole through for sexbolts (2 holes).

- For applications over 8 feet, install two rod guides equally spaced on top rod.
- For Less Bottom Rod (LBR) application (20 minute rating), refer to template W-5494 for auxiliary fire latch and omit bottom latch preparation.
- For sexbolt preparation, refer to Template W-4014.
- Less Bottom Rod (LBR) device cannot be used in conjunction with rim devices.
- Prepare top and bottom latches/bolts at time of device installation.