SFA / SFJA Foundation Anchors

**SFA** – Mudsill anchors for retrofit applications. Features a slotted bend line for easy adjustment when foundation walls are slanted.

**SFJA** – Ties floor joists directly to foundations with bolt fastening.

**Materials:** 12 gauge

**Finish:** G90 galvanizing

**Installation:**
- Use all specified fasteners. See Product Notes, page 18.
- A design professional must specify anchor bolt type, length, and embedment. Anchor bolts are laterally loaded. Follow installation instructions for epoxy adhesive.

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<td>Anchor Bolts</td>
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<tr>
<td>SFA</td>
<td>FJA</td>
<td>12</td>
<td>1 Dia. 5/8</td>
<td>2 Dia. 10d x 1-1/2</td>
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<tr>
<td>SFA</td>
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<td>2 Dia. 1/2</td>
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<td>Uplift</td>
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1. Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
2. All bolts shall meet or exceed the specifications of ASTM A 307.
3. Fasteners shall be installed to fully grouted and reinforced masonry units (CMU) type S or better mortar or reinforced concrete (f’c = 2,500 psi at 28 days).
4. **NAILS:** 10d x 1-1/2 nails are 0.148” diameter by 1-1/2” long.

**RP Retro Plate**

Uses heavy gauge HRPO steel and a large surface area to distribute seismic forces on masonry exteriors.

**Materials:** 3/8” plate

**Finish:** Primer

**Options:** See Chart for Corrosion Finish Options

**Installation:**
- Install with a 3/4” diameter steel threaded rod.

![Typical SFA8 installation](image1)

![Typical SFJA installation](image2)

![Typical RP6 installation](image3)