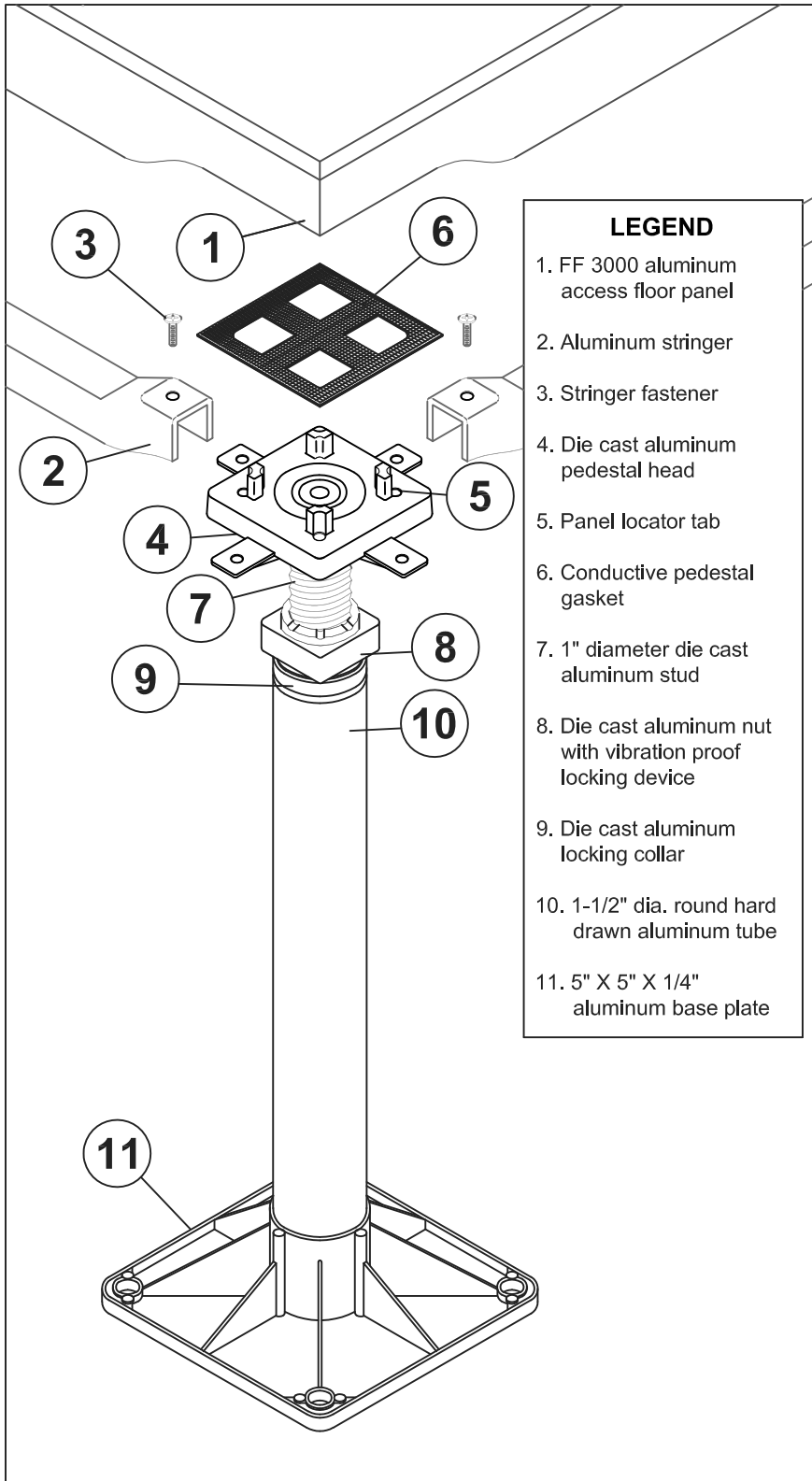




# Floating Floors<sup>®</sup> by Tate Type A Bolted Stringer System for FF 1250/3000 Aluminum Panels



- LEGEND**
1. FF 3000 aluminum access floor panel
  2. Aluminum stringer
  3. Stringer fastener
  4. Die cast aluminum pedestal head
  5. Panel locator tab
  6. Conductive pedestal gasket
  7. 1" diameter die cast aluminum stud
  8. Die cast aluminum nut with vibration proof locking device
  9. Die cast aluminum locking collar
  10. 1-1/2" dia. round hard drawn aluminum tube
  11. 5" X 5" X 1/4" aluminum base plate

## PEDESTAL SPECIFICATIONS

### Pedestal Assembly

- Assembly shall provide a 10,000 lb. axial load without permanent deformation.
- Assembly shall provide a 2" total adjustment with a minimum finished floor height of 9".
- Finished floor heights from 9" to 48".
- Minimum stud to base engagement shall be 1".

### Pedestal Head

- Pedestal head shall be of a die cast aluminum construction.
- Pedestal stud shall be 1" - 8 UNC die cast aluminum.
- Stud shall provide an anti-rotation feature when engaged with the locking collar.
- Nut shall be 1" - 8 UNC die cast aluminum.
- Nut to provide a vibration-proof locking device when engaged with the locking collar.
- Pedestal head shall incorporate locating tabs to engage, laterally contain, and positively position floor panel.
- Field installed gaskets with aluminum mesh screen shall be provided on pedestal head for sound deadening and grounding.

### Pedestal Base

- Base to be die cast aluminum plate 5" X 5" X 1/4" with 4 each 3/8" diameter holes.
- Base contact surface area shall be 25 in<sup>2</sup>.
- Base tube shall be hard drawn aluminum tube.
- Locking collar shall be die cast aluminum.

### Stringer

- Stringer shall be aluminum 1-3/4" X 1" X 1/8" 21" long. (1-3/4" represents the total height of stringer).
- Stringers shall be bolted to pedestal head and secured with stainless steel screws.
- Stringer shall be capable of supporting a concentrated load of 200 lbs. at the center of a 21" span without exceeding 0.010" permanent set without panels in place.

### Stringer Fastener

- Standard fastener shall be a 1/4" - 20 X 5/8" long stainless steel pan head screw.

### Understructure Coating Options

- Head assembly :  Bare  E-coat paint
- Base assembly :  Bare  E-coat paint  
 Epoxy powder coat
- Stringer :  Bare  E-coat paint  
 Epoxy powder coat

**Note: Install gasket with screen side up**