



## Installation Instructions for Compression Seals With Foam Head Pad

**Note:** Check all shipments carefully before releasing carrier. Notify carrier immediately upon discovering any concealed damage. Our warranty requires timely reporting of damage, missing or incorrect parts.

- A. 4" minimum bumper projection is required for level approach and flush wall.
- B. Mount pads with breather screens facing down and wedge shaped face to the inside.
  - 1. Find Centerline of Door Opening and Headpad:
    - a. Measure width of door and mark centerline on the dock floor and top of the door opening on wall face or under header.
    - b. Measure head curtain width and mark wall face where out to out ends of head curtain will fit on wall half the distance from both sides of the centerline.
  - 2. Mount Brackets to Verticals (Side Pads): (\*See note below)
    - a. We recommend mounting three (3) brackets on each side of the verticals (side pads).
    - b. The top and bottom brackets should be placed nine (9") inches from the top and bottom of the verticals (side pads).
    - c. The third (3<sup>rd</sup>) bracket should be placed between the top and bottom brackets near the middle.  
(\* Note: On metal buildings drill anchors through structural metal where possible.)
  - 3. Mount Verticals (Side Pads) to Wall:
    - a. Using the centerline (from step 1) place the outer edge of the verticals (side pads) even with the out to out marks.
    - b. The verticals (side pads) should be adjacent to the door jam, unless a special application requires an off-set installation.

**Note:** Twelve (12) Angle Brackets (Clips) and Flat brackets are provided per unit along with roofing nails. Use the Clips for the outside of the unit(s) and the flats for the inside verticals (side pads) and door jam. The head curtain backboard should be mounted directly through the fabric to the wall.

4. Mount Head Pad:
  - a. Center head pad over verticals (side pads) using the centerline (from step 1). It should be positioned above and over the side of verticals (side pads) with the backboard flat against the wall. It should be tight against the top.
  - b. Attach brackets to the head pad.
    1. To the top of the head pad: Three angles are recommended, one in the middle and two 6" from each end.
    2. To the bottom of the head pad: Three flat brackets are recommended, one in the middle and two 6" from each end.
5. Caulking:
  - a. We recommend using a silicone caulk around the entire outer edge of the unit(s).

**Note:** Mounting anchors and sinkers to mount backboards to the wall to be provided by others. (Lags to anchor brackets to the wood backboard are included with anchors.)

#### **Suggested Mounting Methods:**

- **Masonry Building Walls:** Try to hit mortar joints. Use 1/2" or 3/8" by 3" expansion anchors. Use through-bolt fastening if anchors will not hold – 3/8" threaded rod is recommended.
- **Metal Building Walls:** Through-bolt fastening is required.
  - To provide adequate safety and stability of the seal, drill through the perlings and anchor the back boards of vertical side pad members with appropriate anchors.
  - If perlings are not available, use as a minimum, a back-up plate (steel or wood) to support bolts or anchor through existing building header and vertical (side pad) members.

**Note:** Dock seals must have adequate bumper protection to function properly. Call for assistance in determining which bumper is right for the specific application.