



# Concealed & Concealed Penal Flushometer

## Stainless Steel Water Closets and Combination Fixtures.

Note: Due to the high back pressures that can be created by penal fixtures, this procedure must be followed when installing the concealed flush tube. Failure to follow these instructions can result in plumbing separation at the elbow.

These directions must be followed for all Zurn concealed and concealed penal fixture valves with 1 1/2" flush connections:

- When cutting scored vacuum breaker and horizontal connection tubes to fit, always leave at least **1 3/4" (32mm)** of scoring to insure proper engagement with the compression coupling.
- Install fixture flush connection. (**Figure 1**) Zurn penal flushometers are designed to connect to the stainless steel fixture in a chase behind the wall.
- A 1 1/2" pipe connection (not supplied by Zurn) must be used to connect the fixture inlet to the flanged/scored horizontal tube.
- Loosely assemble the concealed plumbing after placing all of the nuts, friction washers, and gaskets in place. This will locate the gaskets prior to applying the Loctite adhesive.
- Disassemble, clean and dry the plumbing to prepare for adhesive. Apply an 1/8" wide bead of the adhesive all around the scoring between the gasket and the end of both tubes. (**Figure 2**)
- DO NOT use any other pipe sealant or lubrication on these points.
- Assemble the horizontal tube to the fixture and tighten securely. Slip the elbow onto the horizontal tube while rotating and pushing it to spread the adhesive. Angle the elbow so the vacuum breaker tube can be inserted.
- Insert the vacuum breaker into the vacuum tube and the tube into the elbow, rotating it to spread the adhesive. Screw all nuts into place and tighten. The adhesive has a limited (2 minute) working time so tighten the connections immediately.
- Do NOT run water through the pipes for at least 24 hours so the adhesive can set properly.

Figure 1

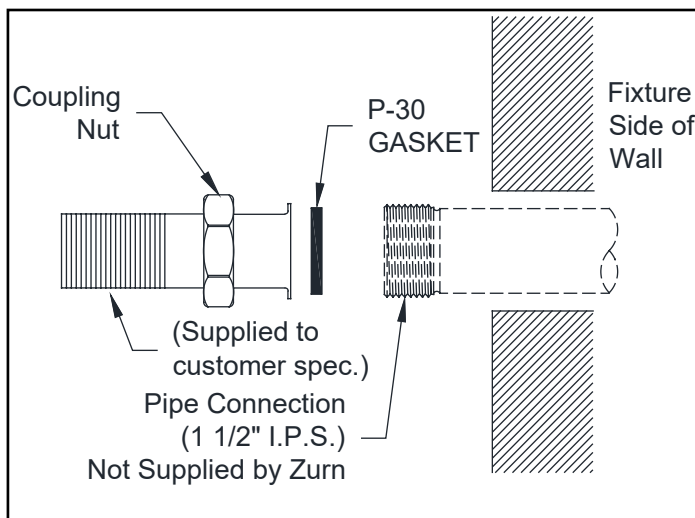
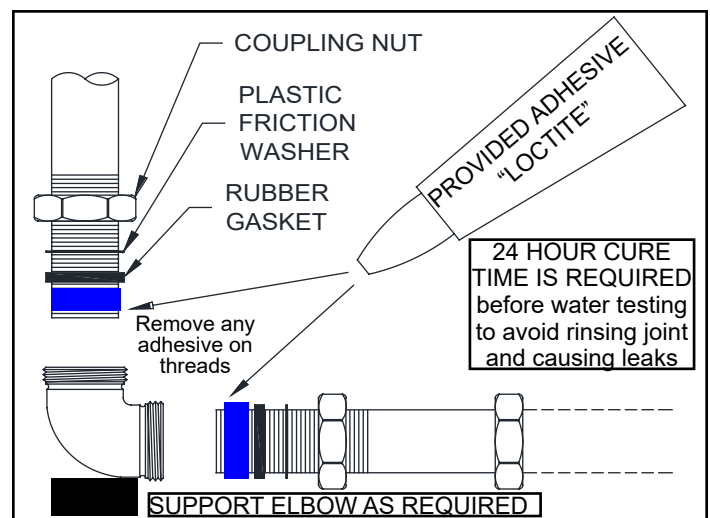


Figure 2



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