

# **Iso-Flex Winged Expansion Joint System**

## **Wall Mount Plate**

### **Installation Procedures**

#### **1. Preparatory Work**

The expansion joint opening shall be a consistent width along its entire length, or be within the established width dimensions for the specified seal for the particular project.

Prior to any installation, the wall surface should be marked off by pulling a chalk line at a point 2-1/2" above the traffic surface. This will establish the top location for the WM3 wall mount plate.

The WM3 wall mount plate will ship in ten (10) foot lengths. The lengths will either be coiled or shipped flat. If coiled, un-package the material and let it lay out flat, allowing it to relax.

#### **2. Installation**

With the "J" or "K" series wing seal laying along the side of the prepared expansion joint gap the WM3 wall mount can be slid on to the vertical upturned wing of the seal. To ease this process it may be necessary to spray a diluted mixture of dish soap into the slot of the WM3 wall mount plate.

Next, carefully install the "J" or "K" series profile into the joint gap. Take care to ensure that the seal profile wing on the floor side is flush and flat in the base of the blackout.

Then with the WM3 wall mount plate aligned with the chalk line, begin to anchor the assembled system to the wall. This is accomplished with either a Hilti Powder Actuated Fastening System, or a 1/4" Tapcon anchor. For the Hilti Pin anchor use the #3 power pack. Recommended Hilti Pin is #X-DNI 32 P8S36. Anchor spacing for either type of anchor should not exceed 18" O.C. Either anchor type should be installed through the WM3 wall mount plate, ensuring that the anchors intersect and engage the vertical wing of the seal. Proper tension adjustment on the Hilti gun will eliminate distortion in the WM3 wall mount plate.

Once the wall anchorage is all in place the Iso-Flex elastomeric concrete system should be installed into the blackout on the floor side of the joint gap. (see Winged Joint Installation Procedures for proper installation)

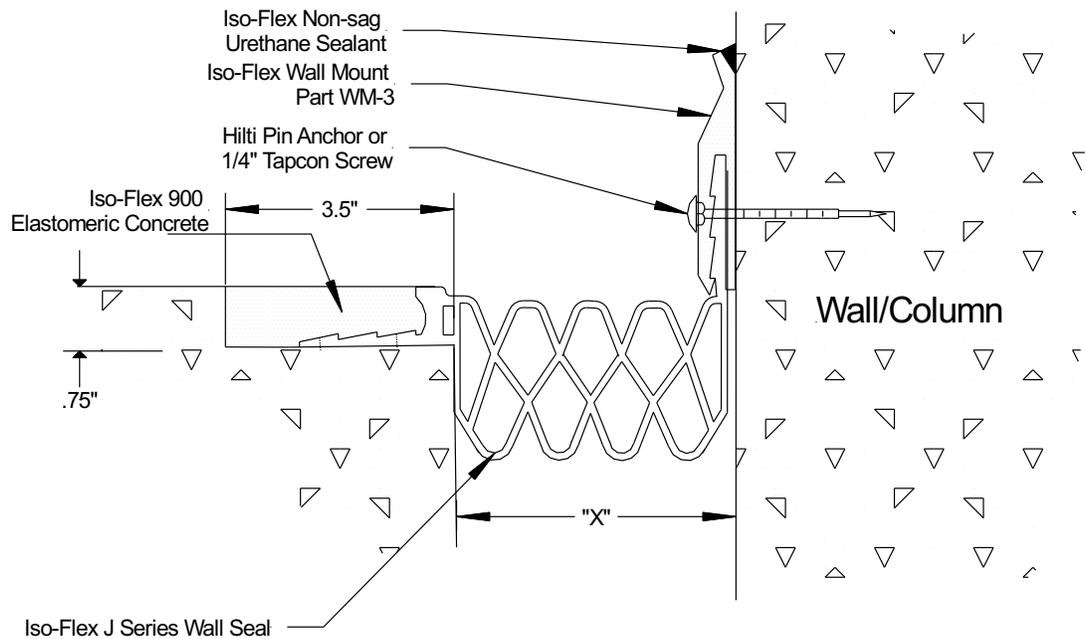
With the seal now fully installed the wall mount system needs to be completed by running a caulk bead of Iso-Flex Urethane sealant along the top edge of the WM3 wall mount.

### 3. Clean Up

Using a clean rag soaked with organic solvent, wipe the exposed surfaces of the seal until clean.

Remove and collect the joint edge tape along with the used containers and rags. Properly dispose of all waste materials.

System can open to traffic immediately after the Iso-Flex 900 elastomeric concrete has cured.



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